

NOTICE OF APPLICATION AND PROPOSED ACTION  
U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) REGION IX  
75 HAWTHORNE STREET  
SAN FRANCISCO, CALIFORNIA 94105-3901

Applications for Permits to Transport  
and Dump Materials into Ocean Waters

Public Notice for Ocean Dumping Permit Numbers  
OD 98-01 and OD 98-02

Pursuant to Section 102 of the Marine Protection, Research and Sanctuaries Act (MPRSA) of 1972, as amended (33 U.S.C. § 1401 et seq.) and 40 C.F.R. § 222.3 of EPA's Ocean Dumping Regulations (42 Fed. Reg. 2462, Jan. 11, 1977), notice is hereby given by this office of complete applications for permits to transport and dispose fish processing wastes into ocean waters of Tutuila Island, American Samoa. The permit applicants are: STARKIST SAMOA, INC., P.O. Box 368, Pago Pago, American Samoa 96799 and VCS SAMOA PACKING COMPANY, INC., P.O. Box 957, Pago Pago, American Samoa 96799.

EPA has made a tentative decision to issue special ocean dumping permits to StarKist Samoa and VCS Samoa Packing Company for a three-year period. The Agency has determined that these permits are required for ocean disposal of fish processing wastes produced at canneries in Pago Pago, American Samoa. The fish processing wastes to be disposed from StarKist Samoa are: dissolved air flotation (DAF) sludge, cooker juice and press liquor. The fish processing wastes to be disposed from VCS Samoa Packing are: DAF sludge, precooker water and press water. Based on dilution levels expected at the designated ocean disposal site, the fish processing wastes are not expected to cause significant long-term impacts to oceanic water quality, marine ecosystems or human health.

The fish processing wastes will be disposed at an ocean disposal site 5.45 nautical miles southeast of Tutuila Island. The ocean disposal site has center coordinates of 14° 24.00' South latitude by 170° 38.20' West longitude and a radius of 1.5 nautical miles. The water depth at the disposal site is about 9,000 feet. This site was designated for use on February 6, 1990 (55 Fed. Reg. 3948) and was used by the two American Samoa canneries for disposal of fish processing wastes under MPRSA § 102 special permits OD 90-01 and 93-01 (StarKist Samoa), and OD 90-02 and 93-02 (VCS Samoa Packing Company) for a cumulative total of six years. No significant long-term environmental impacts were found at the site during site monitoring activities.

During the term of special permits OD 98-01 and OD 98-02, the permittees must continue monitoring programs for the combined fish processing waste streams, disposal vessel navigation and monthly ocean disposal site monitoring. Information compiled during the term of these permits and any previous information about ocean disposal of fish processing wastes off American Samoa will be used by EPA Region IX to determine compliance with EPA's Ocean Dumping Regulations defined at 40 C.F.R. Parts 220 through 228 and the Special MPRSA § 102 permits.

## SUMMARY OF INFORMATION AND TENTATIVE DETERMINATION

DAF sludge is waste material that remains after treatment of fish processing wastes to remove grease and suspended particulate matter. DAF sludge also contains aluminum sulfate or alum (an odor reducing chemical) and coagulant polymers (to coagulate suspended matter) that are added during the waste treatment process. Cooker juice or precooker water is a combination of stick water and other process water that collects under the steam precookers at the fish plants. Press liquor or press water is waste water produced at the fish meal plants when fish scrap is cooked and pressed before being dried to produce livestock food meal. The three waste streams will be combined in an onshore storage tank prior to transport to the ocean disposal site.

There are no changes in the overall volumes of fish processing wastes proposed for disposal by either applicant. The proposed disposal volumes are:

<b>Fish Processing Waste</b>	<b>StarKist Samoa (gallons/day)</b>	<b>VCS Samoa Packing (gallons/day)</b>	<b>Total Volume (gallons/day)</b>
Daily Maximum - Combined Waste Stream from Onshore Storage Tank	200,000	200,000	400,000

Based on EPA Region IX's review of data collected under the previous MPRSA § 102 special permits, the following changes are proposed for the new permits: 1) new permit limits for the combined fishwaste have been calculated which are higher than the previous permit limits for the separate waste streams, 2) a new set of confirmatory suspended phase acute toxicity bioassays are required to confirm that disposal operations are similar to the previous permitted actions, 3) a clarification of the requirements for disposal operations within the disposal site, and 4) reporting forms have been modified to simplify the reporting of permit monitoring information. All other general and special conditions are similar to existing conditions in MPRSA § 102 special permits OD 93-01 and OD 93-02.

## INITIATION OF HEARINGS AND PUBLIC COMMENTS

Within 30 days of the date of this notice, any person may request a public hearing to consider the issuance of, or the conditions to be imposed upon, these permits. Any such request for a public hearing must: 1) be in writing, 2) identify the person requesting the hearing, 3) state any objections to the issuance of, or to the conditions to be imposed upon, these permits, and 4) state the issues which are proposed to be considered at the hearing. Under 40 C.F.R § 222.4, the Regional Administrator's determination on whether to hold a public hearing shall be based on whether the request presents genuine issues of policy or facts amenable to resolution by public hearing.

Comments on the tentative determination and requests for public hearings may be submitted in writing within 30 days of the date of publication of this notice to: Mr. John Ong, Acting Chief, Monitoring and Assessment Office (WTR-2), U.S. Environmental Protection Agency, Region IX, 75 Hawthorne Street, San Francisco, CA 94105-3901, telephone (415) 744-1156.

The Administrative Record, which includes the applications, the proposed permits, the fact sheet describing the permits, is available for public review Monday to Friday from 9:00 a.m. to 4:00 p.m. at the: EPA Region IX Library, 13th Floor, 75 Hawthorne Street, San Francisco, CA, (415) 744-1510; EPA Pacific Island Contact Office, 300 Ala Moana Boulevard, Room 5124, Honolulu, HI, (808) 541-2710; and American Samoa EPA, Executive Office Building, Office of the Governor, Pago Pago, American Samoa, (684) 633-2304.

September 1973

1 TFRM 4-2000

Standard Form No. 1143

## ADVERTISING ORDER

ORDER NUMBER

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE

DATE

U. S. Environmental Protection Agency, Region IX

1/8/98

The publisher of the publication named below is authorized to publish the enclosed advertisement according to the schedule below provided the rates are not in excess of the commercial rates

charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in the heading unless otherwise expressly authorized in the specifications.

## NAME OF THE PUBLICATION ADVERTISED IN

Samoa News

## SUBJECT OF ADVERTISEMENT

Public Notice, Ocean Dumping, Fishwaste

## EDITION OF PAPER ADVERTISEMENT APPEARED

Section of paper

## NUMBER OF TIMES ADVERTISEMENT APPEARED

5 days

advertisement appeared N/A

## DATE(S) ADVERTISEMENT APPEARED

## SPECIFICATIONS FOR ADVERTISEMENT

PLEASE NOTE: Payment cannot be made until back of this form is completed. Also, please provide two (2) copies of affidavit of publication.

For further information, please contact: Allan Ota, (415) 744-1980

## COPY FOR ADVERTISEMENT

PLEASE SEE ATTACHED

FINANCIAL DATA			SFO			APPROPRIATION:		
DGN	FY	APPR CODE	ORG CODE	PROGRAM ELEM	OBJ CLASS	AMOUNT (Dollars)	(Cents)	SITE/PROJECT
WED 646	98	B	69W0	49X	24.15	\$ 400	00	Fishwaste

AUTHORITY TO ADVERTISE		INSTRUMENT OF ASSIGNMENT	
NUMBER	EPA Order 1210.5a	NUMBER	N/A
DATE	1/8/98	DATE	N/A
SIGNATURE OF AUTHORIZING OFFICIAL	John Ong for A.S. 1/9/98 Barbara Byesek #420.00	TITLE	Chief, Contracts & Procurement (PMD-8)

## INSTRUCTIONS TO PUBLISHERS

Extreme care should be exercised to insure that the specifications for advertising to be set other than solid be definite, clear, and specific since no allowance will be made for paragraphing or for display or leaded or prominent headings, unless specifically ordered, or for additional space required by the use of type other than that specified. Specifications for advertising other than solid and the advertisement copy submitted to the publisher will be attached to the voucher. The following is a sample of solid line advertisement set up in accordance with the usual Government requirements.

DEPARTMENT OF HIGHWAYS & TRAFFIC,  
D.C. Bids are requested for first spring 1966 cement concrete repair contract, including incidental work, Washington, D.C., Invitation No. C-6576-H, consisting of 11,000 sq. yds. PCC Class BB sidewalk repair and 2,000 cu. yds. PCC Class A pavement, alley, & driveway repair, both cut repairs only. Bidding material available from the Procurement Officer, D.C. Sealed bids to be opened in the Procurement Office at 3:00 p.m., November 15, 1966.

Your bill for this advertising order should be submitted on the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and a copy of the printed advertisement to

U.S. Environmental Protection Agency  
Office of the Comptroller (PMD-4)  
75 Hawthorne Street  
San Francisco, CA 94105-3901

## IMPORTANT

Charges for advertising when a cut, matrix, stereotype or electrotype is furnished will be based on actual space used and no allowance will be made for shrinkage.

In no case shall the advertisement extend beyond the date and edition stated in this order.

# PUBLIC VOUCHER FOR ADVERTISING

<b>PUBLIC VOUCHER FOR ADVERTISING</b>		<b>For Agency Use Only</b>
DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE		VOUCHER NUMBER
PLACE VOUCHER PREPARED	DATE PREPARED	SCHEDULE NUMBER
NAME OF PUBLICATION		PAID BY
NAME OF PUBLISHER OR REPRESENTATIVE		
ADDRESS (Street, room number, city, State, and ZIP code)		

## CHARGES

TYPEFACE	(size of type)	POINT PER	(inch, square, word, or folio)
<b>Line Rates</b>			
	<b>NUMBER OR LINES</b> (Indicate counted or space)	<b>COST PER LINE</b>	<b>TOTAL COST</b>
FIRST INSERTION		\$	\$
ADDITIONAL INSERTIONS GIVE NUMBER ▶			
<b>TOTAL</b>			\$
<b>Other Rates</b>			
	<b>NUMBER OF UNITS</b> (Indicate inch, square, word, folio)	<b>COST PER UNIT</b>	<b>TOTAL COST</b>
FIRST INSERTION		\$	\$
ADDITIONAL INSERTIONS GIVE NUMBER ▶			
<b>TOTAL</b>			\$
Attach one copy of advertisement (including upper and lower rules) to each copy of voucher here. If copy is not available sign the following affidavit.		<b>TOTAL LINE RATES AND OTHER RATES</b>	
		<b>LESS DISCOUNT AT %</b>	
		<b>BALANCE DUE</b>	\$
		<b>VERIFIED (Initials)</b>	

## AFFIDAVIT

This represents a true billing for the attached advertising order, with specifications and copy, which has been completed.

SIGNATURE OF PUBLISHER OR REPRESENTATIVE

TITLE

DATE

## FOR AGENCY USE ONLY

ADVERTISEMENT PUBLISHED IN	DATE PUBLISHED
I certify that the advertisement described above appeared in the named publication and that this account is correct and eligible for payment.	
SIGNATURE AND TITLE OF CERTIFYING OFFICER	DATE
SIGNATURE AND TITLE OF AUTHORIZING OFFICER	DATE
ACCOUNTING CLASSIFICATION	PAID BY CHECK NUMBER

<sup>1</sup> If the ability to certify and authority to approve are combined in one person enter "N/A" (not applicable) here.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION IX  
75 Hawthorne Street  
San Francisco, CA 94105

FAX TRANSMISSION

DATE: January 16, 1998  
SUBJECT: Printing of Public Notice in Newspaper  
FROM: Allan Y. Ota *Allan Y. Ota*  
U.S. EPA, Region 9  
Monitoring and Assessment Office (WTR-2)  
FAX #: (415) 744- *1235*  
OFFICE #: (415) 744-1980

TO: Evaga, Advertising Coordinator  
Samoa News

FAX#: 011-684-633-4864  
OFFICE #: \_\_\_\_\_

\*\*\*\*\*

NOTES: There are 5 page(s) following this cover sheet.

Evaga:

I am sending this advertising purchase order per information obtained from Carl Goldstein, American Samoa Program Manager. Please let me know if there are any questions or other information you need. Please call me at 415-744-1980. Thanks in advance for your assistance.

*ayc.*

September 1973

1 TFRM 4-2000

Standard Form No. 1143

## ADVERTISING ORDER

ORDER NUMBER

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE

DATE

1/8/98

U. S. Environmental Protection Agency, Region IX

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charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in the heading unless otherwise expressly authorized in the specifications.

NAME OF THE PUBLICATION ADVERTISED IN

Samoa News

SUBJECT OF ADVERTISEMENT

Public Notice, Ocean Dumping, Fishwaste

EDITION OF PAPER ADVERTISEMENT APPEARED

Section of paper

advertisement appeared N/A

NUMBER OF TIMES ADVERTISEMENT APPEARED

DATE(s) ADVERTISEMENT APPEARED

5 days

SPECIFICATIONS FOR ADVERTISEMENT

PLEASE NOTE: Payment cannot be made until back of this form is completed. Also, please provide two (2) copies of affidavit of publication.

For further information, please contact: Allan Ota, (415) 744-1980

COPY FOR ADVERTISEMENT

PLEASE SEE ATTACHED

FINANCIAL DATA			SFO			APPROPRIATION:		
DCN	FY	APPR CODE	ORG CODE	PROGRAM/ELEM	OBJ CLASS	AMOUNT (Dollars)	(Cents)	SITE/PROJECT
WE0046	98	B	04W0	49X	24.15	\$ 400.00		Fishwaste

AUTHORITY TO ADVERTISE		INSTRUMENT OF ASSIGNMENT	
NUMBER	EPA Order 1210.5a	NUMBER	N/A
DATE	1/8/98	DATE	N/A
SIGNATURE OF AUTHORIZING OFFICIAL	<i>John Ong for A.S.</i> <i>Barbara Byczek</i> 1/13 98	TITLE	<i>Chief, Contract Specialist</i> Chief, Contracts & Procurement (PMD-8)

## INSTRUCTIONS TO PUBLISHERS

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D.C. Bids are requested for first spring 1966 cement concrete repair contract, including incidental work, Washington, D.C., Invitation No. C-6576-H, consisting of 11,000 sq. yds. PCC Class BB sidewalk repair and 2,000 cu. yds. PCC Class A pavement, alley, & driveway repair, both cut repairs only. Bidding material available from the Procurement Officer, D.C. Sealed bids to be opened in the Procurement Office at 3:00 p.m., November 15, 1965.

Your bill for this advertising order should be submitted on the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and a copy of the printed advertisement to

U.S. Environmental Protection Agency  
Office of the Comptroller (PMD-4)  
75 Hawthorne Street  
San Francisco, CA 94105-3901

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# PUBLIC VOUCHER FOR ADVERTISING

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PLACE VOUCHER PREPARED	DATE PREPARED	VOUCHER NUMBER
NAME OF PUBLICATION		SCHEDULE NUMBER
NAME OF PUBLISHER OR REPRESENTATIVE		PAID BY
ADDRESS (Street, room number, city, State, and ZIP code)		

## CHARGES

TYPEFACE	(size of type)	POINT PER	(inch, square, word, or folio)
<b>Line Rates</b>			
	<b>NUMBER OR LINES (Indicate counted or space)</b>	<b>COST PER LINE</b>	<b>TOTAL COST</b>
FIRST INSERTION		\$	\$
ADDITIONAL INSERTIONS GIVE NUMBER ►			
<b>TOTAL</b>			\$
<b>Other Rates</b>			
	<b>NUMBER OF UNITS (Indicate inch, square, word, folio)</b>	<b>COST PER UNIT</b>	<b>TOTAL COST</b>
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		LESS DISCOUNT AT %	
		BALANCE DUE \$	
		VERIFIED (Initials)	

## AFFIDAVIT

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SIGNATURE OF PUBLISHER OR REPRESENTATIVE

TITLE	DATE
-------	------

## FOR AGENCY USE ONLY

ADVERTISEMENT PUBLISHED IN	DATE PUBLISHED
I certify that the advertisement described above appeared in the named publication and that this account is correct and eligible for payment.	
SIGNATURE AND TITLE OF CERTIFYING OFFICER	DATE
SIGNATURE AND TITLE OF AUTHORIZING OFFICER	DATE
ACCOUNTING CLASSIFICATION	PAID BY CHECK NUMBER

<sup>1</sup> If the ability to certify and authority to approve are combined in one person enter "N/A" (not applicable) here.



NOTICE OF APPLICATION AND PROPOSED ACTION  
U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) REGION IX  
75 HAWTHORNE STREET  
SAN FRANCISCO, CALIFORNIA 94105-3901

Applications for Permits to Transport  
and Dump Materials into Ocean Waters

Public Notice for Ocean Dumping Permit Numbers  
OD 98-01 and OD 98-02

Pursuant to Section 102 of the Marine Protection, Research and Sanctuaries Act (MPRSA) of 1972, as amended (33 U.S.C. § 1401 et seq.) and 40 C.F.R. § 222.3 of EPA's Ocean Dumping Regulations (42 Fed. Reg. 2462, Jan. 11, 1977), notice is hereby given by this office of complete applications for permits to transport and dispose fish processing wastes into ocean waters of Tutuila Island, American Samoa. The permit applicants are: STARKIST SAMOA, INC., P.O. Box 368, Pago Pago, American Samoa 96799 and COS SAMOA PACKING COMPANY, INC., P.O. Box 957, Pago Pago, American Samoa 96799.

EPA has made a tentative decision to issue special ocean dumping permits to StarKist Samoa and COS Samoa Packing Company for a three-year period. The Agency has determined that these permits are required for ocean disposal of fish processing wastes produced at canneries in Pago Pago, American Samoa. The fish processing wastes to be disposed from StarKist Samoa are: dissolved air flotation (DAF) sludge, cooker juice and press liquor. The fish processing wastes to be disposed from COS Samoa Packing are: DAF sludge, precooker water and press water. Based on dilution levels expected at the designated ocean disposal site, the fish processing wastes are not expected to cause significant long-term impacts to oceanic water quality, marine ecosystems or human health.

The fish processing wastes will be disposed at an ocean disposal site 5.45 nautical miles southeast of Tutuila Island. The ocean disposal site has center coordinates of 14° 24.00' South latitude by 170° 38.20' West longitude and a radius of 1.5 nautical miles. The water depth at the disposal site is about 9,000 feet. This site was designated for use on February 6, 1990 (55 Fed. Reg. 3948) and was used by the two American Samoa canneries for disposal of fish processing wastes under MPRSA § 102 special permits OD 90-01 and 93-01 (StarKist Samoa), and OD 90-02 and 93-02 (COS Samoa Packing Company) for a cumulative total of six years. No significant long-term environmental impacts were found at the site during site monitoring activities.

During the term of special permits OD 98-01 and OD 98-02, the permittees must continue monitoring programs for the combined fish processing waste streams, disposal vessel navigation and monthly ocean disposal site monitoring. Information compiled during the term of these permits and any previous information about ocean disposal of fish processing wastes off American Samoa will be used by EPA Region IX to determine compliance with EPA's Ocean Dumping Regulations defined at 40 C.F.R. Parts 220 through 228 and the Special MPRSA § 102 permits.

## SUMMARY OF INFORMATION AND TENTATIVE DETERMINATION

DAF sludge is waste material that remains after treatment of fish processing wastes to remove grease and suspended particulate matter. DAF sludge also contains aluminum sulfate or alum (an odor reducing chemical) and coagulant polymers (to coagulate suspended matter) that are added during the waste treatment process. Cooker juice or precooker water is a combination of stick water and other process water that collects under the steam precookers at the fish plants. Press liquor or press water is waste water produced at the fish meal plants when fish scrap is cooked and pressed before being dried to produce livestock food meal. The three waste streams will be combined in an onshore storage tank prior to transport to the ocean disposal site.

There are no changes in the overall volumes of fish processing wastes proposed for disposal by either applicant. The proposed disposal volumes are: Starkist Samoa, 200,000 gallons/day; COS Samoa Packing, 200,000 gallons/day; total volume, 400,000 gallons/day.

Based on EPA Region IX's review of data collected under the previous MPRSA § 102 special permits, the following changes are proposed for the new permits: 1) new permit limits for the combined fishwaste have been calculated which are higher than the previous permit limits for the separate waste streams, 2) a new set of confirmatory suspended phase acute toxicity bioassays are required to confirm that disposal operations are similar to the previous permitted actions, 3) a clarification of the requirements for disposal operations within the disposal site, and 4) reporting forms have been modified to simplify the reporting of permit monitoring information. All other general and special conditions are similar to existing conditions in MPRSA § 102 special permits OD 93-01 and OD 93-02.

## INITIATION OF HEARINGS AND PUBLIC COMMENTS

Within 30 days of the date of this notice, any person may request a public hearing to consider the issuance of, or the conditions to be imposed upon, these permits. Any such request for a public hearing must: 1) be in writing, 2) identify the person requesting the hearing, 3) state any objections to the issuance of, or to the conditions to be imposed upon, these permits, and 4) state the issues which are proposed to be considered at the hearing. Under 40 C.F.R. § 222.4, the Regional Administrator's determination on whether to hold a public hearing shall be based on whether the request presents genuine issues of policy or facts amenable to resolution by public hearing.

Comments on the tentative determination and requests for public hearings may be submitted in writing within 30 days of the date of publication of this notice to: Mr. John Ong, Acting Chief, Monitoring and Assessment Office (WTR-2), U.S. Environmental Protection Agency, Region IX, 75 Hawthorne Street, San Francisco, CA 94105-3901, telephone (415) 744-1867.

The Administrative Record, which includes the applications, the proposed permits, the fact sheet describing the permits, is available for public review Monday to Friday from 9:00 a.m. to 4:00 p.m. at the: EPA Region IX Library, 13th Floor, 75 Hawthorne Street, San Francisco,

CA, (415) 744-1510; EPA Pacific Island Contact Office, 300 Ala Moana Boulevard, Room 5124, Honolulu, HI, (808) 541-2710; and American Samoa EPA, Executive Office Building, Office of the Governor, Pago Pago, American Samoa, (684) 633-2304.

THE FOLLOWING FILE(S) ERASED

FILE	FILE TYPE	OPTION	TEL NO.	PAGE	RESULT
073	MEMORY TX		95127304	06/06	OK

## ERRORS

1) HANG UP OR LINE FAIL 2) BUSY 3) NO ANSWER 4) NO FACSIMILE CONNECTION



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION IX  
75 Hawthorne Street  
San Francisco, CA 94105

FAX TRANSMISSION

DATE: January 7, 1998

SUBJECT: Printing of Public Notice in Classified Section/Legal Notices

FROM: Allan Ota *Allan Ota*  
U.S. EPA, Region 9  
Monitoring and Assessment Office (WTR-2)

FAX #: (415) 744-1072 1235  
OFFICE #: (415) 744-1980

TO: James  
Classified Ad Section  
Chronicle/Examiner

FAX#: (415) 512-7304  
OFFICE #: (415) 777-6549

September 1973

1 TFRM 4-2000

Standard Form No. 1143

## ADVERTISING ORDER

ORDER NUMBER

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE

DATE

U.S. Environmental Protection Agency, Region IX

1/12/98

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NAME OF THE PUBLICATION ADVERTISED IN

San Francisco Chronicle

SUBJECT OF ADVERTISEMENT

Public Notice, Ocean Dumping, Fishwaste

EDITION OF PAPER ADVERTISEMENT APPEARED Section of paper advertisement appeared N/A

NUMBER OF TIMES ADVERTISEMENT APPEARED

One day

DATE(s) ADVERTISEMENT APPEARED

SPECIFICATIONS FOR ADVERTISEMENT

PLEASE NOTE: Payment cannot be made until back of this form is completed. Also, please provide two (2) copies of affidavit of publication.

For further information, please contact: Allan Ota, (415) 744-1980.

COPY FOR ADVERTISEMENT

PLEASE SEE ATTACHED

FINANCIAL DATA			SFO			APPROPRIATION:		
DCN	FY	APPR CODE	ORG CODE	PROGRAM/ELEM	OBJ CLASS	AMOUNT (Dollars)	(Cents)	SITE/PROJECT
W60052	98	B	04WC	49X	2415	\$ 4,152.77		Fishwaste, American Samoa

AUTHORITY TO ADVERTISE		INSTRUMENT OF ASSIGNMENT	
NUMBER EPA Order 1210.5a		NUMBER N/A	
DATE 1/12/98		DATE N/A	
SIGNATURE OF AUTHORIZING OFFICIAL <i>Barbara Mesole</i> #4152.77	<i>jghachimoto</i> 1/12/98 1/15/97	TITLE <i>Contract Specialist</i> Chief, Contracts and Procurement Administrative Mgmt Branch (PMD-8)	

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Your bill for this advertising order should be submitted on the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and a copy of the printed advertisement to  
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75 Hawthorne Street  
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# PUBLIC VOUCHER FOR ADVERTISING

**For Agency Use Only**

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE

VOUCHER NUMBER

PLACE VOUCHER PREPARED

DATE PREPARED

SCHEDULE NUMBER

NAME OF PUBLICATION

PAID BY

NAME OF PUBLISHER OR REPRESENTATIVE

ADDRESS (Street, room number, city, State, and ZIP code)

## CHARGES

TYPEFACE	(size of type)	POINT PER	(inch, square, word, or folio)
	NUMBER OR LINES (Indicate counted or space)	COST PER LINE	TOTAL COST
Line Rates	FIRST INSERTION	\$	\$
	ADDITIONAL INSERTIONS GIVE NUMBER ▶		
	<b>TOTAL</b>		\$
	NUMBER OF UNITS (Indicate inch, square, word, folio)	COST PER UNIT	TOTAL COST
Other Rates	FIRST INSERTION	\$	\$
	ADDITIONAL INSERTIONS GIVE NUMBER ▶		
	<b>TOTAL</b>		\$
Attach one copy of advertisement (including upper and lower rules) to each copy of voucher here. If copy is not available sign the following affidavit.		TOTAL LINE RATES AND OTHER RATES	
		LESS DISCOUNT AT %	
		BALANCE DUE	\$
		VERIFIED (Initials)	

## AFFIDAVIT

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SIGNATURE OF PUBLISHER OR REPRESENTATIVE

TITLE

DATE

## FOR AGENCY USE ONLY

ADVERTISEMENT PUBLISHED IN	DATE PUBLISHED
I certify that the advertisement described above appeared in the named publication and that this account is correct and eligible for payment.	
SIGNATURE AND TITLE OF CERTIFYING OFFICER	DATE
SIGNATURE AND TITLE OF AUTHORIZING OFFICER	DATE
ACCOUNTING CLASSIFICATION	PAID BY CHECK NUMBER

<sup>1</sup> If the ability to certify and authority to approve are combined in one person enter "N/A" (not applicable) here.

September 1973

1 TFRM 4-2000

Standard Form No. 1143

## ADVERTISING ORDER

ORDER NUMBER

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE

DATE

U.S. Environmental Protection Agency, Region IX

1/12/98

The publisher of the publication named below is authorized to publish the enclosed advertisement according to the schedule below provided the rates are not in excess of the commercial rates

charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in the heading unless otherwise expressly authorized in the specifications.

NAME OF THE PUBLICATION ADVERTISED IN

San Francisco Chronicle

SUBJECT OF ADVERTISEMENT

Public Notice, Ocean Dumping, Fishwaste

EDITION OF PAPER ADVERTISEMENT APPEARED Section of paper advertisement appeared N/A

NUMBER OF TIMES ADVERTISEMENT APPEARED

One day

DATE(s) ADVERTISEMENT APPEARED

SPECIFICATIONS FOR ADVERTISEMENT

PLEASE NOTE: Payment cannot be made until back of this form is completed. Also, please provide two (2) copies of affidavit of publication.

For further information, please contact: Allan Ota, (415) 744-1980.

COPY FOR ADVERTISEMENT

PLEASE SEE ATTACHED

FINANCIAL DATA			SFO			APPROPRIATION:		
DCN	FY	APPR CODE	ORG CODE	PROGRAM/ELEM	OBJ CLASS	AMOUNT (Dollars)	(Cents)	SITE/PROJECT
W60052	98	B	04WC	49X	2415	\$ 4,152.77		Fishwaste, American Samoa

AUTHORITY TO ADVERTISE		INSTRUMENT OF ASSIGNMENT	
NUMBER EPA Order 1210.5a		NUMBER N/A	
DATE 1/12/98		DATE N/A	
SIGNATURE OF AUTHORIZING OFFICIAL <i>Barbara Mesole</i> #4152.77	<i>jhachimoto 1/12/98</i> <i>1/15/97</i>	TITLE <i>Contract Specialist</i> Chief, Contracts and Procurement Administrative Mgmt Branch (PMD-8)	

## INSTRUCTIONS TO PUBLISHERS

Extreme care should be exercised to insure that the specifications for advertising to be set other than solid be definite, clear, and specific since no allowance will be made for paragraphing or for display or leaded or prominent headings, unless specifically ordered, or for additional space required by the use of type other than that specified. Specifications for advertising other than solid and the advertisement copy submitted to the publisher will be attached to the voucher. The following is a sample of solid line advertisement set up in accordance with the usual Government requirements.

DEPARTMENT OF HIGHWAYS & TRAFFIC,  
D.C. Bids are requested for first spring 1966 cement concrete repair contract, including incidental work, Washington, D.C., Invitation No. C-6676-H, consisting of 11,000 sq. yds. PCC Class BB sidewalk repair and 2,000 cu. yds. PCC Class A pavement, alley, & driveway repair, both cut repairs only. Bidding material available from the Procurement Officer, D.C. Sealed bids to be opened in the Procurement Office at 3:00 p.m., November 15, 1965.

Your bill for this advertising order should be submitted on the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and a copy of the printed advertisement to

U.S. Environmental Protection Agency  
Office of the Comptroller (PMD-4)

75 Hawthorne Street

San Francisco, CA 94105-3901

## IMPORTANT

Charges for advertising when a cut, matrix, stereotype or electrotype is furnished will be based on actual space used and no allowance will be made for shrinkage.

In no case shall the advertisement extend beyond the date and edition stated in this order.

# PUBLIC VOUCHER FOR ADVERTISING

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE		<b>For Agency Use Only</b>
PLACE VOUCHER PREPARED		VOUCHER NUMBER
DATE PREPARED		SCHEDULE NUMBER
NAME OF PUBLICATION		PAID BY
NAME OF PUBLISHER OR REPRESENTATIVE		
ADDRESS (Street, room number, city, State, and ZIP code)		

## CHARGES

TYPEFACE	(size of type)	POINT PER	
	NUMBER OR LINES (Indicate counted or space)	COST PER LINE	TOTAL COST
Line Rates	FIRST INSERTION	\$	\$
	ADDITIONAL INSERTIONS GIVE NUMBER ▶		
	<b>TOTAL</b>		\$
	NUMBER OF UNITS (Indicate inch, square, word, folio)	COST PER UNIT	TOTAL COST
Other Rates	FIRST INSERTION	\$	\$
	ADDITIONAL INSERTIONS GIVE NUMBER ▶		
	<b>TOTAL</b>		\$
Attach one copy of advertisement (including upper and lower rules) to each copy of voucher here. If copy is not available sign the following affidavit.		TOTAL LINE RATES AND OTHER RATES	
		LESS DISCOUNT AT %	
		BALANCE DUE	\$
		VERIFIED (Initials)	

## AFFIDAVIT

This represents a true billing for the attached advertising order, with specifications and copy, which has been completed.

SIGNATURE OF PUBLISHER OR REPRESENTATIVE

TITLE

DATE

## FOR AGENCY USE ONLY

ADVERTISEMENT PUBLISHED IN	DATE PUBLISHED
I certify that the advertisement described above appeared in the named publication and that this account is correct and eligible for payment.	
SIGNATURE AND TITLE OF CERTIFYING OFFICER	DATE
SIGNATURE AND TITLE OF AUTHORIZING OFFICER	DATE
ACCOUNTING CLASSIFICATION	PAID BY CHECK NUMBER

<sup>1</sup> If the ability to certify and authority to approve are combined in one person enter "N/A" (not applicable) here.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION IX  
75 Hawthorne Street  
San Francisco, CA 94105

FAX TRANSMISSION

DATE: January 7, 1998

SUBJECT: Printing of Public Notice in Classified Section/Legal Notices

FROM: Allan Ota *Allan Ota*  
U.S. EPA, Region 9  
Monitoring and Assessment Office (WTR-2)

FAX #: (415) 744-~~1078~~ 1235

OFFICE #: (415) 744-1980

TO: James  
Classified Ad Section  
Chronicle/Examiner

FAX#: (415) 512-7304  
OFFICE #: (415) 777-6549

\*\*\*\*\*

NOTES: There are 5 pages following this cover sheet.

I was out of the office yesterday, but I picked up your message from yesterday. I apologize for not giving you an answer, but I could not locate the documents from outside the office. Apparently, the signatures were not obtained until yesterday afternoon.

In any case, here is the 2-page procurement form for \$4,152.77 for the attached public notice (3 additional pages). Please call me if you need other information or a different format. Thanks in advance for your assistance.

*ajc*

September 1973

1 TFRM 4-2000

Standard Form No. 1143

## ADVERTISING ORDER

ORDER NUMBER

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE

DATE

U.S. Environmental Protection Agency, Region IX

1/12/98

The publisher of the publication named below is authorized to publish the enclosed advertisement according to the schedule below provided the rates are not in excess of the commercial rates

charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in the heading unless otherwise expressly authorized in the specifications.

NAME OF THE PUBLICATION ADVERTISED IN

San Francisco Chronicle

SUBJECT OF ADVERTISEMENT

Public Notice, Ocean Dumping, Fishwaste

EDITION OF PAPER ADVERTISEMENT APPEARED Section of paper advertisement appeared N/A

NUMBER OF TIMES ADVERTISEMENT APPEARED

One day

DATE(S) ADVERTISEMENT APPEARED

SPECIFICATIONS FOR ADVERTISEMENT

PLEASE NOTE: Payment cannot be made until back of this form is completed. Also, please provide two (2) copies of affidavit of publication.

For further information, please contact: Allan Ota, (415) 744-1980.

COPY FOR ADVERTISEMENT

PLEASE SEE ATTACHED

FINANCIAL DATA			SFO			APPROPRIATION:		
DCN	FY	APPR CODE	ORG CODE	PROGRAM/ELEM	OBJ CLASS	AMOUNT (Dollars)	(Cents)	SITE/PROJECT
W60052	98	B	04WC	49X	2415	\$ 4,152.77		Fishwaste, American Samoa

AUTHORITY TO ADVERTISE		INSTRUMENT OF ASSIGNMENT	
NUMBER	EPA Order 1210.5a	NUMBER	N/A
DATE	1/12/98	DATE	N/A
SIGNATURE OF AUTHORIZING OFFICIAL	<i>Shachimoto</i> 1/12/98 <i>Shachimoto</i> 1/15/97 <i>Barbara</i> 4/152.77	TITLE	<i>Contract Specialist</i> Chief, Contracts and Procurement Administrative Mgmt Branch (PMD-8)

## INSTRUCTIONS TO PUBLISHERS

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D.C. Bids are requested for first spring 1966 cement concrete repair contract, including incidental work, Washington, D.C., Invitation No. C-5676-H, consisting of 11,000 sq. yds. PCC Class BB sidewalk repair and 2,000 cu. yds. PCC Class A pavement, alley, & driveway repair, both cut repairs only. Bidding material available from the Procurement Officer, D.C. Sealed bids to be opened in the Procurement Office at 3:00 p.m., November 16, 1966.

Your bill for this advertising order should be submitted on the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and a copy of the printed advertisement to  
U.S. Environmental Protection Agency  
Office of the Comptroller (PMD-4)  
75 Hawthorne Street  
San Francisco, CA 94105-3901

## IMPORTANT

Charges for advertising when a cut, matrix, stereotype or electrotype is furnished will be based on actual space used and no allowance will be made for shrinkage.

In no case shall the advertisement extend beyond the date and edition stated in this order.

# PUBLIC VOUCHER FOR ADVERTISING

<b>PUBLIC VOUCHER FOR ADVERTISING</b>		<b>For Agency Use Only</b>
DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE		VOUCHER NUMBER
PLACE VOUCHER PREPARED	DATE PREPARED	SCHEDULE NUMBER
NAME OF PUBLICATION		PAID BY
NAME OF PUBLISHER OR REPRESENTATIVE		
ADDRESS (Street, room number, city, State, and ZIP code)		

## CHARGES

TYPEFACE	(size of type)	POINT PER	(inch, square, word, or folio)
<b>Line Rates</b>			
	NUMBER OR LINES (Indicate counted or space)	COST PER LINE	TOTAL COST
FIRST INSERTION		\$	\$
ADDITIONAL INSERTIONS GIVE NUMBER ►			
<b>TOTAL</b>			\$
<b>Other Rates</b>			
	NUMBER OF UNITS (Indicate inch, square, word, folio)	COST PER UNIT	TOTAL COST
FIRST INSERTION		\$	\$
ADDITIONAL INSERTIONS GIVE NUMBER ►			
<b>TOTAL</b>			\$

Attach one copy of advertisement (including upper and lower rules) to each copy of voucher here. If copy is not available sign the following affidavit.

TOTAL LINE RATES AND OTHER RATES	
LESS DISCOUNT AT %	
BALANCE DUE	\$
VERIFIED (Initials)	

## AFFIDAVIT

This represents a true billing for the attached advertising order, with specifications and copy, which has been completed.

SIGNATURE OF PUBLISHER OR REPRESENTATIVE

TITLE	DATE
-------	------

## FOR AGENCY USE ONLY

ADVERTISEMENT PUBLISHED IN	DATE PUBLISHED
I certify that the advertisement described above appeared in the named publication and that this account is correct and eligible for payment.	
SIGNATURE AND TITLE OF CERTIFYING OFFICER	DATE
SIGNATURE AND TITLE OF AUTHORIZING OFFICER	DATE
ACCOUNTING CLASSIFICATION	PAID BY CHECK NUMBER

<sup>1</sup> If the ability to certify and authority to approve are combined in one person enter "N/A" (not applicable) here.

NOTICE OF APPLICATION AND PROPOSED ACTION  
U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) REGION IX  
75 HAWTHORNE STREET  
SAN FRANCISCO, CALIFORNIA 94105-3901

Applications for Permits to Transport  
and Dump Materials into Ocean Waters

Public Notice for Ocean Dumping Permit Numbers  
OD 98-01 and OD 98-02

Pursuant to Section 102 of the Marine Protection, Research and Sanctuaries Act (MPRSA) of 1972, as amended (33 U.S.C. § 1401 et seq.) and 40 C.F.R. § 222.3 of EPA's Ocean Dumping Regulations (42 Fed. Reg. 2462, Jan. 11, 1977), notice is hereby given by this office of complete applications for permits to transport and dispose fish processing wastes into ocean waters of Tutuila Island, American Samoa. The permit applicants are: STARKIST SAMOA, INC., P.O. Box 368, Pago Pago, American Samoa 96799 and COS SAMOA PACKING COMPANY, INC., P.O. Box 957, Pago Pago, American Samoa 96799.

EPA has made a tentative decision to issue special ocean dumping permits to StarKist Samoa and COS Samoa Packing Company for a three-year period. The Agency has determined that these permits are required for ocean disposal of fish processing wastes produced at canneries in Pago Pago, American Samoa. The fish processing wastes to be disposed from StarKist Samoa are: dissolved air flotation (DAF) sludge, cooker juice and press liquor. The fish processing wastes to be disposed from COS Samoa Packing are: DAF sludge, precooker water and press water. Based on dilution levels expected at the designated ocean disposal site, the fish processing wastes are not expected to cause significant long-term impacts to oceanic water quality, marine ecosystems or human health.

The fish processing wastes will be disposed at an ocean disposal site 5.45 nautical miles southeast of Tutuila Island. The ocean disposal site has center coordinates of 14° 24.00' South latitude by 170° 38.20' West longitude and a radius of 1.5 nautical miles. The water depth at the disposal site is about 9,000 feet. This site was designated for use on February 6, 1990 (55 Fed. Reg. 3948) and was used by the two American Samoa canneries for disposal of fish processing wastes under MPRSA § 102 special permits OD 90-01 and 93-01 (StarKist Samoa), and OD 90-02 and 93-02 (COS Samoa Packing Company) for a cumulative total of six years. No significant long-term environmental impacts were found at the site during site monitoring activities.

During the term of special permits OD 98-01 and OD 98-02, the permittees must continue monitoring programs for the combined fish processing waste streams, disposal vessel navigation and monthly ocean disposal site monitoring. Information compiled during the term of these permits and any previous information about ocean disposal of fish processing wastes off American Samoa will be used by EPA Region IX to determine compliance with EPA's Ocean Dumping Regulations defined at 40 C.F.R. Parts 220 through 228 and the Special MPRSA § 102 permits.

## SUMMARY OF INFORMATION AND TENTATIVE DETERMINATION

DAF sludge is waste material that remains after treatment of fish processing wastes to remove grease and suspended particulate matter. DAF sludge also contains aluminum sulfate or alum (an odor reducing chemical) and coagulant polymers (to coagulate suspended matter) that are added during the waste treatment process. Cooker juice or precooker water is a combination of stick water and other process water that collects under the steam precookers at the fish plants. Press liquor or press water is waste water produced at the fish meal plants when fish scrap is cooked and pressed before being dried to produce livestock food meal. The three waste streams will be combined in an onshore storage tank prior to transport to the ocean disposal site.

There are no changes in the overall volumes of fish processing wastes proposed for disposal by either applicant. The proposed disposal volumes are: Starkist Samoa, 200,000 gallons/day; COS Samoa Packing, 200,000 gallons/day; total volume, 400,000 gallons/day.

Based on EPA Region IX's review of data collected under the previous MPRSA § 102 special permits, the following changes are proposed for the new permits: 1) new permit limits for the combined fishwaste have been calculated which are higher than the previous permit limits for the separate waste streams, 2) a new set of confirmatory suspended phase acute toxicity bioassays are required to confirm that disposal operations are similar to the previous permitted actions, 3) a clarification of the requirements for disposal operations within the disposal site, and 4) reporting forms have been modified to simplify the reporting of permit monitoring information. All other general and special conditions are similar to existing conditions in MPRSA § 102 special permits OD 93-01 and OD 93-02.

## INITIATION OF HEARINGS AND PUBLIC COMMENTS

Within 30 days of the date of this notice, any person may request a public hearing to consider the issuance of, or the conditions to be imposed upon, these permits. Any such request for a public hearing must: 1) be in writing, 2) identify the person requesting the hearing, 3) state any objections to the issuance of, or to the conditions to be imposed upon, these permits, and 4) state the issues which are proposed to be considered at the hearing. Under 40 C.F.R. § 222.4, the Regional Administrator's determination on whether to hold a public hearing shall be based on whether the request presents genuine issues of policy or facts amenable to resolution by public hearing.

Comments on the tentative determination and requests for public hearings may be submitted in writing within 30 days of the date of publication of this notice to: Mr. John Ong, Acting Chief, Monitoring and Assessment Office (WTR-2), U.S. Environmental Protection Agency, Region IX, 75 Hawthorne Street, San Francisco, CA 94105-3901, telephone (415) 744-1867.

The Administrative Record, which includes the applications, the proposed permits, the fact sheet describing the permits, is available for public review Monday to Friday from 9:00 a.m. to 4:00 p.m. at the: EPA Region IX Library, 13th Floor, 75 Hawthorne Street, San Francisco,

CA, (415) 744-1510; EPA Pacific Island Contact Office, 300 Ala Moana Boulevard, Room 5124, Honolulu, HI, (808) 541-2710; and American Samoa EPA, Executive Office Building, Office of the Governor, Pago Pago, American Samoa, (684) 633-2304.

NOTICE OF APPLICATION AND PROPOSED ACTION  
U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) REGION IX  
75 HAWTHORNE STREET  
SAN FRANCISCO, CALIFORNIA 94105-3901

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and Dump Materials into Ocean Waters

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EPA has made a tentative decision to issue special ocean dumping permits to StarKist Samoa and VCS Samoa Packing Company for a three-year period. The Agency has determined that these permits are required for ocean disposal of fish processing wastes produced at canneries in Pago Pago, American Samoa. The fish processing wastes to be disposed from StarKist Samoa are: dissolved air flotation (DAF) sludge, cooker juice and press liquor. The fish processing wastes to be disposed from VCS Samoa Packing are: DAF sludge, precooker water and press water. Based on dilution levels expected at the designated ocean disposal site, the fish processing wastes are not expected to cause significant long-term impacts to oceanic water quality, marine ecosystems or human health.

The fish processing wastes will be disposed at an ocean disposal site 5.45 nautical miles southeast of Tutuila Island. The ocean disposal site has center coordinates of 14° 24.00' South latitude by 170° 38.20' West longitude and a radius of 1.5 nautical miles. The water depth at the disposal site is about 9,000 feet. This site was designated for use on February 6, 1990 (55 Fed. Reg. 3948) and was used by the two American Samoa canneries for disposal of fish processing wastes under MPRSA § 102 special permits OD 90-01 and 93-01 (StarKist Samoa), and OD 90-02 and 93-02 (VCS Samoa Packing Company) for a cumulative total of six years. No significant long-term environmental impacts were found at the site during site monitoring activities.

During the term of special permits OD 98-01 and OD 98-02, the permittees must continue monitoring programs for the combined fish processing waste streams, disposal vessel navigation and monthly ocean disposal site monitoring. Information compiled during the term of these permits and any previous information about ocean disposal of fish processing wastes off American Samoa will be used by EPA Region IX to determine compliance with EPA's Ocean Dumping Regulations defined at 40 C.F.R. Parts 220 through 228 and the Special MPRSA § 102 permits.

## SUMMARY OF INFORMATION AND TENTATIVE DETERMINATION

DAF sludge is waste material that remains after treatment of fish processing wastes to remove grease and suspended particulate matter. DAF sludge also contains aluminum sulfate or alum (an odor reducing chemical) and coagulant polymers (to coagulate suspended matter) that are added during the waste treatment process. Cooker juice or precooker water is a combination of stick water and other process water that collects under the steam precookers at the fish plants. Press liquor or press water is waste water produced at the fish meal plants when fish scrap is cooked and pressed before being dried to produce livestock food meal. The three waste streams will be combined in an onshore storage tank prior to transport to the ocean disposal site.

There are no changes in the overall volumes of fish processing wastes proposed for disposal by either applicant. The proposed disposal volumes are:

<b>Fish Processing Waste</b>	<b>StarKist Samoa (gallons/day)</b>	<b>VCS Samoa Packing (gallons/day)</b>	<b>Total Volume (gallons/day)</b>
Daily Maximum - Combined Waste Stream from Onshore Storage Tank	200,000	200,000	400,000

Based on EPA Region IX's review of data collected under the previous MPRSA § 102 special permits, the following changes are proposed for the new permits: 1) new permit limits for the combined fishwaste have been calculated which are higher than the previous permit limits for the separate waste streams, 2) a new set of confirmatory suspended phase acute toxicity bioassays are required to confirm that disposal operations are similar to the previous permitted actions, 3) a clarification of the requirements for disposal operations within the disposal site, and 4) reporting forms have been modified to simplify the reporting of permit monitoring information. All other general and special conditions are similar to existing conditions in MPRSA § 102 special permits OD 93-01 and OD 93-02.

## INITIATION OF HEARINGS AND PUBLIC COMMENTS

Within 30 days of the date of this notice, any person may request a public hearing to consider the issuance of, or the conditions to be imposed upon, these permits. Any such request for a public hearing must: 1) be in writing, 2) identify the person requesting the hearing, 3) state any objections to the issuance of, or to the conditions to be imposed upon, these permits, and 4) state the issues which are proposed to be considered at the hearing. Under 40 C.F.R § 222.4, the Regional Administrator's determination on whether to hold a public hearing shall be based on whether the request presents genuine issues of policy or facts amenable to resolution by public hearing.



Comments on the tentative determination and requests for public hearings may be submitted in writing within 30 days of the date of publication of this notice to: Mr. John Ong, Acting Chief, Monitoring and Assessment Office (WTR-2), U.S. Environmental Protection Agency, Region IX, 75 Hawthorne Street, San Francisco, CA 94105-3901, telephone (415) 744-1156.

The Administrative Record, which includes the applications, the proposed permits, the fact sheet describing the permits, is available for public review Monday to Friday from 9:00 a.m. to 4:00 p.m. at the: EPA Region IX Library, 13th Floor, 75 Hawthorne Street, San Francisco, CA, (415) 744-1510; EPA Pacific Island Contact Office, 300 Ala Moana Boulevard, Room 5124, Honolulu, HI, (808) 541-2710; and American Samoa EPA, Executive Office Building, Office of the Governor, Pago Pago, American Samoa, (684) 633-2304.

THE FOLLOWING FILE(S) ERASED

FILE	FILE TYPE	OPTION	TEL NO.	PAGE	RESULT
075	MEMORY TX		90116846334864	06/06	OK

## ERRORS

1) HANG UP OR LINE FAIL      2) BUSY      3) NO ANSWER      4) NO FACSIMILE CONNECTION



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**REGION IX**  
**75 Hawthorne Street**  
**San Francisco, CA 94105**

FAX TRANSMISSION

DATE: January 16, 1998

SUBJECT: Printing of Public Notice in Newspaper

FROM: Allan Y. Ota *Allan Y. Ota*  
U.S. EPA, Region 9  
Monitoring and Assessment Office (WTR-2)

FAX #: (415) 744- 1235

OFFICE #: (415) 744-1980

TO: Evaga, Advertising Coordinator  
Samoa News

FAX#: 011-684-633-4864

OFFICE #: \_\_\_\_\_

\*\*\*\*\*  
\*\*\* ACTIVITY REPORT \*\*\*  
\*\*\*\*\*

TRANSMISSION OK

TX/RX NO. 2520  
CONNECTION TEL 90116846334864  
CONNECTION ID SAMOA NEWS  
START TIME 01/06 14:59  
USAGE TIME 02'49  
PAGES 4  
RESULT OK

SAMOA NEWS  
P.O. BOX 909  
PAGO PAGO, AS 96799

1/7/98

ATTN: EVAGA  
ADV. COORD.

ALAN,

I spoke w/ Evaga @ Samoa News - she is the  
Advertising Coordinator.

She has given me a quote for a 3 columns  
by 16 inch ad (6 inches wide, 16 inches tall)

of: \$150/day for 1-4 days

or \$75/day for 5 days or more.

she said she would pay me the quote,  
but it would not be wise to wait  
for it.

Cal

ADVERTISING ORDER ROUTING		DATE:	
TO:		INITIALS	DATE
1. Chief, New Source Section (A-5-1)			
2. Chief, Stationary Source Branch (A-5)			
3. Director (A-1)			
4. Administrative Officer (A-1) (Assignment of accounting data and DCN)			
5. Originator. Name: _____ (Deliver to Contracting Officer)			
6. Contracting Officer (P-7-2) (Authorizing signature)			
7. Originator. Name: _____ Mail Code: _____ (Prepare copy of signed document for Karen Luc [P-4-2-2])			

REMARKS:

Public Notice and Advertising Order Attached.

EXAMPLE OF  
 CONCURRENCE  
 AND  
 PROCUREMENT FORM

FROM:	ROOM #	
	PHONE #	

# ADVERTISING ORDER

AJ: 7041

ORDER NUMBER NSR 278

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE

DATE  
5/22/97

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION IX

The publisher of the publication named below is authorized to publish the enclosed advertisement according to the schedule below provided the rates are not in excess of the commercial rates

charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in the heading unless otherwise expressly authorized in the specifications.

NAME OF THE PUBLICATION ADVERTISED IN

Oroville Mercury Record and Chico Enterprise

SUBJECT OF ADVERTISEMENT

Section of paper advertisement appeared  
N/A

Public Notice No. SAC 97-01

NUMBER OF TIMES ADVERTISEMENT APPEARED

DATE(s) ADVERTISEMENT APPEARED

Once Only

SPECIFICATIONS FOR ADVERTISEMENT

PLEASE NOTE: Payment cannot be made until the back of this form is completed. Also, please provide two (2) copies of affidavit of publication.


For further information, please contact: David Wampler (415) 744-1256

COPY FOR ADVERTISEMENT

PLEASE SEE ATTACHED

FINANCIAL DATA			SFO			APPROPRIATION:		
DCN	FY	APPL CODE	ORG CODE	PROGRAM ELEM	OBJ CLASS	AMOUNT (Dollars)	(Cents)	DATE/PROJECT
M9C019	9697	B	09X2	B20	2568	\$110.	00	

CC-10-14	ORDER NO. CC21-30	FC
0501	NSR 278	N

AUTHORITY TO ADVERTISE		INSTRUMENT OF ASSIGNMENT	
NUMBER EPA ORDER 1210.5a		NUMBER N/A	
DATE December 13, 1973		DATE N/A	
SIGNATURE OF AUTHORIZING OFFICIAL Barbara Bycsek		TITLE Chief, Contracts & Procurement	

Administrative Mgmt Branch (P-7)

## INSTRUCTIONS TO PUBLISHERS

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U.S. Environmental Protection Agency  
Office of the Comptroller (P-4)  
75 Hawthorne Street  
San Francisco, CA 94105-3901

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In no case shall the advertisement extend beyond the date and edition stated in this order.

302-3612

Down said  
publication on  
Friday 6/6.

## ADVERTISING ORDER

ORDER NUMBER

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE

DATE

The publisher of the publication named below is authorized to publish the enclosed advertisement according to the schedule below provided the rates are not in excess of the commercial rates

charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in the heading unless otherwise expressly authorized in the specifications.

NAME OF THE PUBLICATION ADVERTISED IN

SUBJECT OF ADVERTISEMENT

EDITION OF PAPER ADVERTISEMENT APPEARED

NUMBER OF TIMES ADVERTISEMENT APPEARED

DATE(s) ADVERTISEMENT APPEARED

SPECIFICATIONS FOR ADVERTISEMENT

COPY FOR ADVERTISEMENT

FINANCIAL DATA			SFO			APPROPRIATION:		
DCN	FY	APPR. CODE	ORG. CODE	PROGRAM ELEM.	OBJ. CLASS	AMOUNT (Dollars)	(Cents)	SITE/PROJECT

AUTHORITY TO ADVERTISE		INSTRUMENT OF ASSIGNMENT	
NUMBER		NUMBER	
DATE		DATE	
SIGNATURE OF AUTHORIZING OFFICIAL		TITLE	

## INSTRUCTIONS TO PUBLISHERS

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DEPARTMENT OF HIGHWAYS & TRAFFIC.  
D.C. Bids are requested for first spring 1966 cement concrete repair contract, including incidental work, Washington, D.C., Invitation No. C-5576-H, consisting of 11,000 sq. yds. PCC Class BB sidewalk repair and 2,000 cu. yds. PCC Class A pavement, alley, & driveway repair, both cut repairs only. Bidding material available from the Procurement Officer, D.C. Sealed bids to be opened in the Procurement Office at 3:00 p.m., November 15, 1965.

Your bill for this advertising order should be submitted on the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and a copy of the printed advertisement to ►.....

## IMPORTANT

Charges for advertising when a cut, matrix, stereotype or electrotype is furnished will be based on actual space used and no allowance will be made for shrinkage.

In no case shall the advertisement extend beyond the date and edition stated in this order.

# PUBLIC VOUCHER FOR ADVERTISING

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE		<b>For Agency Use Only</b>
		VOUCHER NUMBER
PLACE VOUCHER PREPARED	DATE PREPARED	SCHEDULE NUMBER
NAME OF PUBLICATION		PAID BY
NAME OF PUBLISHER OR REPRESENTATIVE		
ADDRESS (Street, room number, city, State, and ZIP code)		

## CHARGES

TYPEFACE	(size of type)	POINT PER	(inch, square, word, or folio)
<b>Line Rates</b>			
	<b>NUMBER OR LINES</b> (Indicate counted or space)	<b>COST PER LINE</b>	<b>TOTAL COST</b>
FIRST INSERTION		\$	\$
ADDITIONAL INSERTIONS GIVE NUMBER ►			
<b>TOTAL</b>			\$
<b>Other Rates</b>			
	<b>NUMBER OF UNITS</b> (Indicate inch, square, word, folio)	<b>COST PER UNIT</b>	<b>TOTAL COST</b>
FIRST INSERTION		\$	\$
ADDITIONAL INSERTIONS GIVE NUMBER ►			
<b>TOTAL</b>			\$

Attach one copy of advertisement (including upper and lower rules) to each copy of voucher here. If copy is not available sign the following affidavit.

TOTAL LINE RATES AND OTHER RATES	
LESS DISCOUNT AT %	
BALANCE DUE	\$
VERIFIED (Initials)	

## AFFIDAVIT

This represents a true billing for the attached advertising order, with specifications and copy, which has been completed.

SIGNATURE OF PUBLISHER OR REPRESENTATIVE

TITLE

DATE

## FOR AGENCY USE ONLY

ADVERTISEMENT PUBLISHED IN	DATE PUBLISHED
I certify that the advertisement described above appeared in the named publication and that this account is correct and eligible for payment.	
SIGNATURE AND TITLE OF CERTIFYING OFFICER	DATE
SIGNATURE AND TITLE OF AUTHORIZING OFFICER	DATE
ACCOUNTING CLASSIFICATION	PAID BY CHECK NUMBER

<sup>1</sup> If the ability to certify and authority to approve are combined in one person enter "N/A" (not applicable) here.

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Eureka - town of Eureka  
JLB

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION IX  
75 Hawthorne Street  
San Francisco, CA 94105

Rick Harris  
Pacific Choice Seafoods Company  
1 Commercial Street  
Eureka, CA 95501

SUBJECT: Authorization to Dispose of Fish Waste off Eureka,  
California

Dear Mr. Harris:

EPA Region IX has considered the information you have submitted for the proposed dumping of dissolved air flotation (DAF) fish waste off Eureka, California. You indicated that the local landfill and beneficial re-use (conversion to liquid fertilizer) options are not available, and ocean disposal is the preferred alternative for this waste. We discussed your proposal with the National Oceanic and Atmospheric Administration (NOAA) Fisheries and the California Department of Fish and Game (CDFG), and consulted with the California Coastal Commission (CCC) regarding any potential issues associated with the proposed activity. EPA Region IX has determined that disposal of fish waste described in your submittals is excluded from permitting [40 CFR Section 220.1(c)] under Section 102 of the Marine Protection, Research and Sanctuaries Act (MPRSA) [33 USC Section 1401 et seq.].

EPA Region IX finds that the proposed disposal of fish wastes will not endanger human health, the environment, or ecological systems if disposal operations occur as specified below in this letter. This finding is based on discussions with NOAA Fisheries and CDFG indicating that disposal at the designated site (described below) is not likely to adversely impact coastal fishing and marine resources. Consequently, an MPRSA Section 102 permit will not be required by EPA Region IX provided that you, other designee(s) of Pacific Choice Seafoods Company, your employees, and agents or other parties contracting with you comply with the following conditions:

1. This authorization to dispose of DAF fish waste will be effective for one fishing season, from April 1, 2004 through July 31, 2004.

2. Disposal operations shall occur within a rectangular area more than 6 nautical miles (at the closest point) west-northwest of the Humboldt Harbor breakwater with the following latitude and longitude coordinates:
  - a. 40° 50.0' North by 124° 30.0' West (northwest corner)
  - b. 40° 50.0' North by 124° 25.0' West (northeast corner)
  - c. 40° 45.0' North by 124° 30.0' West (southwest corner)
  - d. 40° 45.0' North by 124° 25.0' West (southeast corner)
3. Fish waste shall be ground such that the waste stream shall not exceed 5 millimeters in diameter.
4. All discharges shall occur to maximize dispersion of the properly ground fish waste. Accordingly, all discharges shall occur while the vessel is underway within upcurrent portion of the rectangular disposal site.
5. Only one disposal trip shall occur per 24 hour period, and each trip shall not exceed 40 metric tons of fishwaste.
6. Fish wastes shall only be collected from the following fish processor:

Pacific Choice Seafoods Company  
1 Commercial Street  
Eureka, CA 95501
7. Total seasonal disposal at the rectangular disposal site shall not exceed 4,800 tons (which is equivalent to  $1.44 \times 10^6$  gallons) of fishwaste from Pacific Choice Seafoods Company.
8. The following information must be available on request, as well as submitted to EPA Region IX, NOAA Fisheries (777 Sonoma Avenue, Room 325, Santa Rosa, California 95404) and the CDFG (619 Second Street, Eureka, California 95501) on a monthly basis during the fishing season, and in a final cumulative report submitted 45 days after the end of the fishing season:
  - a. The date, time, vessel speed and vessel track for each disposal event, including the location of the disposal vessel when disposal begins and ends plotted on a chart of the rectangular disposal site.
  - b. The name of the fish processor contributing to each disposal volume of fish waste and the total volume disposed on each trip to the rectangular disposal site reported in tons, with conversion to gallons.
  - c. Mr. Harris and other designee(s) of Pacific Choice Seafoods Company must sign the monthly reports which contains the following statement:

"I [We], Mr. Rick Harris [and other designee(s) for Pacific Choice Seafoods Company], certify under penalty of law that this document and all attachments were prepared under our direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

9. Disposal of fish waste other than fish waste collected from Pacific Choice Seafoods Company, named in Section 6 above, is prohibited.
10. Disposal of floatable material, plastics, refuse of any kind, or food wastes other than fish wastes is prohibited.
11. Disposal of fish wastes in State of California waters is prohibited under this letter of authorization.
12. Disposal of fish wastes in a location other than the rectangular disposal site under emergency circumstances shall be reported to EPA Region IX within 24 hours after the disposal vessel returns to Eureka by calling (415) 972-3465. A detailed report of the emergency disposal, signed by Mr. Rick Harris and other designee(s) of Pacific Choice Seafoods Company, shall be sent to EPA Region IX, NOAA Fisheries, and CDFG within 3 days.
13. Any deviation from these conditions during any disposal trip shall be reported to EPA Region IX within 24 hours by calling (415) 972-3465 and the incident shall be reported in writing within 3 days.
14. Mr. Rick Harris, other designee(s) of Pacific Choice Seafoods Company, and the contractors shall allow inspectors from EPA Region IX or U.S. Coast Guard Marine Safety Office (Alameda, California) to inspect all phases of fish waste disposal operations in Eureka, California and at sea.
15. During the season of planned disposal operations, disposal of fish waste shall only occur during daylight hours in order to collect water quality monitoring data (minimum weekly; see Appendix A) and visual observations of any surface slicks:
  - a. Water quality samples shall be taken at designated time intervals and distances downstream from the discharge, as described in the enclosed appendix.
  - b. Visual observations of the movement, extent, and dispersion

of any surface slicks within or outside of the designated disposal site shall be undertaken with the aid of an approved tracking dye.

Should disposal operations, the nature of the waste or any other conditions change, EPA Region IX will reconsider the need for an MPRSA Section 102 permit or modification of the conditions in this letter. Failure to comply with the conditions in this letter would constitute a violation of the MPRSA, subject to civil penalties of up to \$50,000 per violation or criminal penalties of up to \$50,000 per violation and imprisonment for not more than 1 year as defined under MPRSA Sections 105 and 107.

This letter authorizing disposal of fish wastes off Eureka, California is specific to the activities undertaken by Mr. Rick Harris and other designee(s) of Pacific Choice Seafoods Company, their employees, agents and all parties contracting with Mr. Harris and other designee(s) of Pacific Choice Seafoods Company. This letter of authorization shall be considered effective unless or until:

1. Significant adverse environmental impacts are detected at the rectangular disposal site or adjacent areas that can be attributed to fish waste disposal;
2. There is a change in the conditions as identified by Mr. Harris, other designee(s) of Pacific Choice Seafoods Company, or EPA Region IX;
3. There is a change in MPRSA, the implementing regulations at 40 CFR Parts 220-229, or other Federal legislation that affects the disposal of fish wastes; or
4. Mr. Harris and other designee(s) of Pacific Choice Seafoods Company cease fish waste disposal operations.

All information submitted to EPA Region IX should be addressed to: Regional Ocean Dumping Coordinator, Water Division (WTR-8), U.S. Environmental Protection Agency, 75 Hawthorne Street, San Francisco, California 94105. If you have any questions on the conditions defined in this letter, please contact Mr. Allan Ota at (415) 972-3476.

Sincerely yours,

Alexis Strauss, Director  
Water Division

cc (with enclosure - Appendix A):  
Brian Mulvey, NOAA Fisheries  
Vicki Frey, CDFG  
Mark Delaplaine, CCC

SKOD xx01 - [unclear]

**MARINE PROTECTION, RESEARCH AND SANCTUARIES ACT § 102  
OCEAN DUMPING PERMIT**

**PERMIT NUMBER AND TYPE:** OD98-01 Special

**EFFECTIVE DATE:** March 1, 1998

**EXPIRATION DATE:** February 28, 2001

**PERMITTEE:** StarKist Samoa, Inc.  
P.O. Box 368  
Pago Pago, American Samoa 96799

**WASTE GENERATOR:** StarKist Samoa, Inc.  
P.O. Box 368  
Pago Pago, American Samoa 96799

**WASTE GENERATED AT:** StarKist Samoa, Inc.  
P.O. Box 368  
Pago Pago, American Samoa 96799

**PORT OF DEPARTURE:** Pago Pago Harbor, American Samoa

**WASTE TRANSPORTER:** FV TASMAN SEA  
Blue North Fisheries, Inc.  
1130 N.W. 45th Street  
Seattle, Washington 98107-4626

A special ocean dumping permit is being issued to StarKist Samoa, Inc. The Regional Administrator of EPA Region IX has determined that disposal of fish processing wastes off American Samoa meets EPA's ocean dumping criteria at 40 C.F.R. Parts 227 and 228. For this permit, the term "fish processing wastes" shall refer to Dissolved Air Flotation (DAF) Sludge, Cooker Juice and Press Liquor generated at the permittee's plant in Pago Pago, American Samoa; or any combination of the three waste streams pumped from StarKist Samoa's onshore holding tanks into the ocean disposal vessel for transportation to the ocean disposal site.

This special permit authorizes the transportation and dumping into ocean waters of fish processing wastes as described in the special conditions section pursuant to the Marine Protection, Research, and Sanctuaries Act (MPRSA) of 1972 (33 U.S.C. § 1401 *et seq.*) as amended (hereinafter referred to as "the Act"); regulations issued thereunder; and the terms and conditions stated below.

This MPRSA Special Permit does not contain any information collection requirements subject to Office of Management and Budget review under the Paper Work Reduction Act of 1980 (44 U.S.C. § 3501 *et seq.*). This determination has been made because the permit does not require data collection by more than 10 persons.

**1. GENERAL CONDITIONS**

- 1.1. Operation under this special ocean dumping permit shall conform to all applicable federal statutes and regulations including, but not limited to, the Act, the Marine Plastic Pollution Research and Control Act of 1987 (P.L. 100-220), the Clean Water Act (33 U.S.C. § 1251 *et seq.*), and the Ports and Waterways Safety Act (33 U.S.C. § 1221 *et seq.*).
- 1.2. All transportation and dumping authorized herein shall be undertaken in a manner consistent with the terms and conditions of this permit. StarKist Samoa, Inc. (hereafter referred to as "the permittee") shall be liable for compliance with all such terms and conditions. The permittee shall be held liable under § 105 of the Act (33 U.S.C. § 1415) if any permit violations occur. During disposal operations when the permittee's fish processing wastes are loaded aboard the disposal vessel in holding tanks, either separately or combined with similar fish processing wastes from other permittees authorized to use the ocean disposal site defined in Special Condition 2.2, the permittees shall be held individually liable under § 105 of the Act (33 U.S.C. § 1415) if a permit violation occurs. If a permit violation occurs during the transportation and disposal of fish processing wastes, the waste transporter may also be liable for permit violations.
- 1.3. Under § 105 of the Act, any person who violates any provision of the Act, 40 C.F.R. Parts 220 through 228 promulgated thereunder, or any term or condition of this permit shall be liable for a civil penalty of not more than \$50,000 per day for each violation. Additionally, any knowing violation of the Act, 40 C.F.R. Parts 220 through 228, or the permit may result in a criminal action being brought with penalties of not more than \$50,000 or one year in prison, or both. Violations of the Act or the terms and conditions of this permit include but are not limited to:
  - 1.3.1. Transportation to, and dumping at any location other than that defined in Special Condition 2.2 of this permit;
  - 1.3.2. Transportation and dumping of any material not identified in this permit, more frequently than authorized in this permit, or more than the quantities identified in this permit, unless specifically authorized by a written modification hereto;
  - 1.3.3. Failure to conduct permit monitoring as required in Special Conditions 3.1, 3.3.1, 4.7 and 5.1; or
  - 1.3.4. Failure to file reports on fish processing wastes and disposal site monitoring reports as required in the Special Conditions.

- 1.4. Nothing contained herein shall be deemed to authorize, in any way, the transportation from the United States for the purpose of dumping into the ocean waters, the territorial sea, or the contiguous zone, the following materials:
  - 1.4.1. High-level radioactive wastes;
  - 1.4.2. Materials, in whatever form, produced for radiological, chemical, or biological warfare;
  - 1.4.3. Persistent synthetic or natural materials which may float or remain in suspension in the ocean; or
  - 1.4.4. Medical wastes as defined in § 3(k) of the Act.
  - 1.4.5. Flotables, garbage, domestic trash, waste chemicals, solid waste, or any materials prohibited by the Act or the Marine Plastic Pollution Research and Control Act.
- 1.5. Nothing contained herein shall be deemed to authorize, in any way, violation of applicable American Samoa Water Quality Standards. The following water quality standards apply:

**Table 1.** 1989 American Samoa Water Quality Standards: Oceanic Waters [§24.0207(g)(1-7)].

Parameter	Median Not to Exceed the Given Value
Turbidity	0.20 NTU
Total Phosphorus	11.0 µg-P/L
Total Nitrogen	115.0 µg-N/L
Chlorophyll <i>a</i>	0.18 µg/L
Light Penetration Depth	150 feet, to exceed the given value 50% of the time.
Dissolved Oxygen	Not less than 80% of saturation or less than 5.5 mg/L. If the natural level of dissolved oxygen is less than 5.5 mg/L, then the natural dissolved oxygen level shall become the standard.
pH	The pH range shall be 6.5 to 8.6 pH units and within 0.2 pH units of the level which occurs naturally.

Should the American Samoa Water Quality Standards applicable to this permit be revised, such revised standards shall apply to this permit.



- 1.6. After notice and opportunity for a hearing, this permit may be revised, revoked or limited, in whole or in part, subject only to the provisions of 40 C.F.R. §§ 222.3(b) through 222.3(h) and 40 C.F.R. § 223.2, as a result of a determination by the Regional Administrator of EPA that:
  - 1.6.1. The cumulative impact of the permittee's dumping activities or the aggregate impact of all dumping activities in the dump site designated in Special Condition 2.2 should be categorized as Impact Category I, as defined in 40 C.F.R. § 228.10(c)(1);
  - 1.6.2. There has been a change in circumstances regarding the management of the disposal site designated in Special Condition 2.2;
  - 1.6.3. The dumping authorized by the permit would violate applicable American Samoa Water Quality Standards;
  - 1.6.4. The dumping authorized can no longer be carried out consistent with the criteria defined at 40 C.F.R. Parts 227 and 228;
  - 1.6.5. The permittee violated any term or condition of the permit;
  - 1.6.6. The permittee misrepresented, or did not accurately disclose all relevant facts in the permit application or monitoring reports; or
  - 1.6.7. The permittee did not keep records, engage in monitoring and reporting activities, or to notify appropriate officials in a timely manner of the transportation and dumping activities as specified in any condition of this permit.
- 1.7. The permittee shall ensure always that facilities, including any vessels associated with the permit, are in good working order to achieve compliance with the terms and conditions of this permit. During all loading operations, there shall not be a loss of fish processing wastes to any waterway. During transport to the disposal site, there shall not be a loss of fish processing wastes to Pago Pago Harbor or the ocean.
- 1.8. The permittee shall notify the Regional Administrator or his delegate in writing of any change in the designated fish processing waste transporter at least 30 days before the transfer date. Written approval by the EPA Regional Administrator must be obtained before such a transfer occurs.

- 1.9. The permittee shall allow the EPA Regional Administrator, the Commander of the Fourteenth U.S. Coast Guard District (USCG), the Director of the American Samoa Environmental Protection Agency (ASEPA), and/or their authorized representatives to:
  - 1.9.1. Enter into, upon, or through the permittee's premises, vessels, or other premises or vessels under the control of the permittee, where, or in which, a source of material to be dumped is located or in which any records are required to be kept under the terms and conditions of this permit or the Act;
  - 1.9.2. Have access to and copy any records required to be kept under the terms and conditions of this permit or the Act;
  - 1.9.3. Inspect any dumping equipment, navigational system equipment, monitoring equipment or monitoring methods required in this permit;
  - 1.9.4. Sample or require that a sample be drawn, under EPA, USCG, or ASEPA supervision, of any materials discharged or to be discharged; or
  - 1.9.5. Inspect laboratory facilities, data, and quality control records required for compliance with any condition of this permit.
- 1.10. If material which is regulated by this permit is disposed of, due to an emergency, such as to safeguard life at sea, in locations or in a manner that does not comply with the terms of this permit, the permittee shall make a full report, according to the provisions of 18 U.S.C. § 1001, within 15 days to the EPA Regional Administrator, the USCG and the ASEPA describing the conditions of this emergency and the actions taken, including the location, the nature and the amount of material disposed.
- 1.11. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of rights, nor any infringement of Federal, State or local laws or regulations, nor does it obviate the necessity of obtaining State or local assent required by applicable law for the activity authorized.
- 1.12. This permit does not authorize or approve the construction of any onshore or offshore physical structures or facilities, or, except as authorized by this permit, the conduct of any work in any navigable waters.
- 1.13. Unless otherwise provided for herein, all terms used in this permit shall have the meanings assigned to them by the Act or 40 C.F.R. Parts 220 through 228, issued thereunder.

## **2. SPECIAL CONDITIONS - DISPOSAL SITE AND FISH PROCESSING WASTE CHARACTERIZATION**

Special conditions are necessary to define the length of the permit period, identify the disposal site location, describe fish processing waste streams and define maximum permitted limits for the combined three waste streams (DAF sludge, cooker juice and press liquor) stored in on-shore storage tanks.

### **2.1. Location of the Waste Generator and Duration of the Permit**

2.1.1. The material to be dumped shall consist of fish processing wastes, defined in Special Conditions 2.3 and 2.4, generated at the permittee's fish cannery in Pago Pago, American Samoa.

2.1.2. This permit shall become effective on March 1, 1998 and it shall expire three years from the effective date at midnight on February 28, 2001.

### **2.2. Location of Disposal Site**

Disposal of fish processing wastes generated at the location defined in Special Condition 2.1.1 shall be confined to a circular area with a 1.5 nautical mile radius, centered at 14° 24.00' South latitude by 170° 38.30' West longitude.

### **2.3. Description of Fish Processing Wastes**

2.3.1. During the term of this permit, and according to all other terms and conditions of this permit, the permittee is authorized to transport and dispose a combined waste stream total maximum of 200,000 gallons per day of fish processing wastes. The fish processing wastes-- Dissolve Air Flotation (DAF) sludge, cooker juice and press liquor/water-- are combined and stored in the permittee's onshore storage tanks prior to transport to the ocean disposal site.

### **2.4. Fish Processing Waste Stream Limits**

Fish processing waste stream limits apply to the combined fish wastes of DAF sludge, cooker juice and press liquor/water, which are combined and stored in an onshore storage tank prior to transport to the ocean disposal site (see Table 3 - following page).

**Table 3.** Limits for Onshore Storage Tank Fish Wastes

Physical or Chemical Parameter (units) <sup>a</sup>	Storage Tank
Total Solids (mg/L)	101,800
Total Volatile Solids (mg/L)	84,100
5-Day BOD (mg/L)	129,390
Oil and Grease (mg/L)	62,940
Total Phosphorus (mg/L)	1,750
Total Nitrogen (mg/L)	10,980
Ammonia (mg/L)	11,810
pH (pH units)	6.2 to 7.1
Density (g/mL)	0.97 to 1.03

a = All calculated values were rounded to the nearest 10, except density and pH ranges.

- 2.4.2. Permitted Maximum Concentrations for the onshore storage tank fish waste were calculated based on an analysis of data over a 4-year period from the permittee's previous Special Ocean Dumping Permit, number OD 93-01. The calculations followed EPA's recommended procedure for determining permit limits as defined in the EPA document titled: "Guidance Document for Ocean Dumping Permit Writers" (January 30, 1988). EPA Region IX will periodically review these limits during the permit to evaluate the accuracy of the limits. If revisions are necessary, EPA Region IX will make changes according to the authority defined in the Ocean Dumping Regulations at 40 C.F.R. §§ 223.2 through 223.5.
- 2.4.3. The Permitted Maximum Concentrations, density range and pH range listed above, shall not be exceeded at any time during the term of this permit.

### 3. SPECIAL CONDITIONS - ANALYSIS OF FISH PROCESSING WASTES

Compliance with the permitted maximum concentrations defined in Special Condition 2.4 shall be determined by monthly monitoring of the waste in the onshore storage tank. **The sampling dates shall be scheduled within the first two weeks of the month to allow enough time for laboratory analyses and report writing to comply with Special Condition 3.3.**

#### 3.1. Analyses of Fish Processing Wastes

- 3.1.1. Concentrations or values of the parameters listed in Special Condition 2.4 and those listed in the table below shall be determined for the waste in the onshore storage tank. Once a month, the permittee shall analyze samples taken from its onshore fish processing waste storage tank during the transfer of these wastes to the disposal vessel's holding tanks.
- 3.1.1.1. Three samples shall be taken from the onshore storage tank transfer line at 10 minute intervals. These samples shall be composited to produce one sample for analysis. The permittee's samples shall not be combined with fish processing waste from any other permittee.
- 3.1.1.2. The parameters and detection limits listed in Table 4 shall be analyzed and used for the onshore storage tank composite samples.

**Table 4.** Physical and Chemical Parameters and Associated Method Detection Limits for Analyses of Onshore Storage Tank Waste

Parameter	Method Detection Limit
Total Solids	10.0 mg/L
Total Volatile Solids	10.0 mg/L
5-Day BOD	10.0 mg/L
Oil and Grease	10.0 mg/L
Total Phosphorus	1.0 mg/L
Total Nitrogen	1.0 mg/L
Ammonia	1.0 mg/L
pH	0.1 pH units
Density	0.01 g/mL

- 3.1.2. All sampling procedures, analytical protocols, and quality control/quality assurance procedures shall be performed according to guidelines specified by EPA Region IX. The following references shall be used by the permittee:
- 3.1.2.1. 40 C.F.R. Part 136, EPA Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act;
  - 3.1.2.2. Tetra Tech, Incorporated. 1985. Summary of U.S. EPA-approved Methods, Standard Methods and Other Guidance for 301(h) Monitoring Variables. Final program document prepared for the Marine Operations Division, Office of Marine and Estuarine Protection, U.S. Environmental Protection Agency. EPA Contract No. 68-01-693. Tetra Tech, Incorporated, Bellevue, WA.; and
  - 3.1.2.3. Environmental Protection Agency. 1987. Quality Assurance and Quality Control for 301(h) Monitoring Programs: Guidance on Field and Laboratory Methods. Office of Marine and Estuarine Protection, Washington, D.C. EPA 430/9-86-004.

### **3.2. Analytical Laboratory**

- 3.2.1. Within 30 days of the effective date of this permit, the name and address of the contract laboratory or laboratories and a description of all analytical test procedures and quality assurance/quality control procedures, including detection limits being used, shall be provided to EPA Region IX.
- 3.2.2. Any potential variation or change in the designated laboratory or analytical procedures shall be reported, in writing, for EPA Region IX approval.
- 3.2.3. EPA Region IX may require analyses of quality control samples by any laboratories employed to comply with Special Condition 3.1 and Appendix A. Upon request, the permittee shall provide EPA Region IX with the analytical results from such samples.
- 3.2.4. Should there be a modification in the permittee's fish processing procedures such that there may be a significant change in the quality of a fish processing waste stream (DAF sludge, cooker juice or press liquor) EPA Region IX and ASEPA shall be notified 60 days prior to such modification. At their discretion, either agency may require that the permittee conduct a complete analysis of parameters for specified waste streams, and report the results to EPA Region IX and ASEPA within 30 days of sampling. (A sample shall consist of three replicate grab samples pooled for use as a composite sample. The detection limits specified in Table 4 shall be used in all fish processing waste stream analyses.) If necessary, bioassays may be required in addition to parameter analyses.

### 3.3. Reporting

- 3.3.1. The permittee shall provide EPA Region IX, ASEPA, the National Marine Fisheries Service (NMFS), the U.S. Fish and Wildlife Service (USFWS) and the Western Pacific Regional Fishery Management Council (WPRFMC) with a report, prepared every 3 months during the permit period, that contains the following information:
- 3.3.1.1. Daily volume of fish processing waste (total combined waste streams of DAF Sludge, Cooker Juice and Press Liquor) generated at the permittee's facility and pumped into the permittee's onshore storage tanks to be reported in gallons per day using Form 1 (see Appendix B);
  - 3.3.1.2. Daily volume of fish processing waste disposed at the ocean disposal site to be reported in gallons per day using Form 1 (see Appendix B);
  - 3.3.1.3. Monthly fish processing waste analyses from the onshore storage tank demonstrating that the fish processing wastes being dumped comply with the permitted limits of parameters listed in Special Condition 2.4 and a cumulative yearly summary of the volumes of fish processing wastes disposed at the ocean site using Form 2 (see Appendix B);
  - 3.3.1.4. The monthly amount of alum (aluminum sulfate) and coagulant polymer added to the fish processing waste streams reported in pounds per month (see Forms 1 and 2).
- 3.3.2. Such reports, including a comparison with the permit limits as required on Forms 1 and 2, shall be submitted to EPA Region IX, ASEPA, NMFS USFWS and WPRFMC within 45 days of the end of the preceding 3-month period for which they were prepared. The reports shall be submitted within this time unless extenuating circumstances are communicated to EPA Region IX and the ASEPA in writing. In addition to a hard copy of Forms 1 and 2, the data contained on Form 1 shall be submitted to EPA Region IX on a 3.5" computer diskette in a LOTUS spreadsheet format (i.e., wk1), including name of cannery, permit number, and months for which the data is submitted.
- 3.3.3. A summary report of all 3-month reports listed in Special Condition 3.3.1, including a comparisons with permit limits and a detailed discussion of the summary results, shall be submitted by the permittee to EPA and the ASEPA 60 days after the permit expires. Delay or non-compliance with this requirement will (respectively) delay or preclude renewal of the permit. All fish processing waste data shall be reported in the same format as required in Special Condition 3.3.2.

- 3.3.4. Upon detection of a violation of any permit condition, the permittee shall send a written notification of this violation to EPA Region IX and the ASEPA within five working days and a detailed written report of the violation shall be sent to the agencies within 15 working days. This notification shall pertain to any permit limits (defined in Special Condition 2.4) that are exceeded, violation of volume limits (defined in Table 2 under Special Condition 2.3.1), and any disposal operation that occurs outside the disposal site defined in Special Condition 2.2.
- 3.3.5. Twenty-four months from the effective date of this special permit, the permittee shall submit a report to EPA and ASEPA on the results of confirmatory suspended phase acute toxicity bioassay tests and dilution model calculations (i.e., Limiting Permissible Concentration) of the predicted concentrations of fish processing wastes disposed at the designated site. The suspended phase bioassays shall be conducted using at least one species from each of the following three groups: Group 1 = *Mytilus* sp. (mussel), *Crassostrea* sp. (oyster), *Acartia tonsa* (copepod), or *Trypneustes* sp. (sea urchin) larvae; Group 2 = *Holmesimysis costata* (mysid shrimp) or *Penaeus vannamei* (white shrimp); and Group 3 = *Citharichthys stigmaeus* (speckled sanddab) or *Coryphaena hippurus* (dolphinfish) juveniles.

Appropriate suspended phase bioassay protocols, either protocols approved by EPA or protocols published by the American Society for Testing and Materials (ASTM), shall be followed. Suspended particulate phase bioassays shall be run using the following fish processing waste concentrations: 100%, 75%, 50%, 25%, 10%, 5%, and a control (0%). A minimum of five replicates are required per dilution concentration. Concurrent reference toxicant tests shall be conducted when the suspended phase bioassays are run.

A sampling and testing plan shall be submitted to EPA Region IX and ASEPA for approval before the bioassay tests are conducted. Samples for the suspended particulate phase bioassays shall be composited from the permittee's onshore storage tanks. Three samples shall be taken from the onshore storage tank transfer line at 10 minute intervals. These samples shall be composited to produce one sample for analysis. The permittee's samples shall not be combined with fish processing waste from any other permittee. Samples shall be collected and shipped to the testing laboratory according to EPA-approved methods to ensure that the samples do not change before the bioassay tests begin. All suspended particulate phase bioassays shall be started within 10 days of sampling.

If changes in processing and /or disposal operations should occur, an additional re-evaluation of the disposal model may also be required. These evaluations (bioassays and/or modeling) would be used to confirm the toxicity of the fish processing wastes and to evaluate the disposal operations based on the use of a different disposal vessel or different mode of disposal.



The confirmatory bioassay report shall contain the following information:

#### 3.3.5.1. INTRODUCTION AND PROJECT DESCRIPTION

The project description should include the following information about fish processing waste toxicity, previous bioassay test results, and the design of the new bioassay tests. If modeling analysis is necessary, then previous modeling at the ocean disposal site should also be included.

#### 3.3.5.2. MATERIALS AND METHODS

Fish processing waste sampling and sample handling procedures should be described or referenced.

References for laboratory protocols for suspended phase bioassay tests.

- 1) EPA-approved methods and references.
- 2) Test species used in each test, the supplier or collection site for each test species, and QA/QC procedures for maintaining the test species.
- 3) Source of seawater used in reference, control and bioassay tests.
- 4) Data and statistical analysis procedures.
- 5) Limiting Permissible Concentration (LPC) calculations.
- 6) If modeling analysis is required as stipulated in Special Condition 3.3.5., description of model selected to evaluate dispersal of fish processing wastes at the ocean disposal site. Use of this model shall be approved by EPA Region IX and ASEPA before it is used by the permittee to evaluate the fish processing waste disposal plume.

#### 3.3.5.3. DESCRIPTION OF SAMPLING PROCEDURES

QA/QC procedures and actual sampling procedures used during fish processing waste stream sampling and handling of the samples.

#### 3.3.5.4. FINAL RESULTS, ANALYSIS OF DATA AND DISCUSSION

- 1) Complete bioassay data tables and summary bioassay tables shall be furnished in the report. All data tables should be typed or produced as a computer printout.
- 2) The permittee shall analyze the bioassay data and calculate the LPC of the material as defined at 40 C.F.R. § 227.27(a-b).
- 3) The permittee shall use the LPC in the approved plume model to determine the concentration of fish processing wastes disposed at the designated ocean disposal site which complies with EPA's Ocean Dumping Criteria defined at 40 C.F.R. Parts 227 and 228.

#### 3.3.5.5. REFERENCES

This list should include all references used in the field sampling program, laboratory protocols, LPC calculations, modeling analyses, and historical data used to evaluate the fish processing waste disposal operations at the designated ocean disposal site.

#### 3.3.5.6. DETAILED QA/QC PLANS AND INFORMATION

The following topics should be addressed in the QA Plan:

- 1) QA objectives.
- 2) Organization, responsibilities and personnel qualifications, internal quality control checks.
- 3) Sampling and analytical procedures.
- 4) Equipment calibration and maintenance.
- 5) Sample custody and tracking.
- 6) documentation, data reduction, and reporting.
- 7) Data validation.
- 8) Performance and systems audits.
- 9) Corrective action.
- 10) Reports.

#### **4. SPECIAL CONDITIONS - VESSEL OPERATIONS**

Specifications for vessel operations are defined to limit dumping activities to the dump site identified in Special Condition 2.2 and to record all dumping activities. The permittee's fish processing wastes and fish processing wastes of other authorized permittees may be loaded into the disposal vessel together or separately.

##### **4.1. Posting of the Permit**

This permit, or a true copy thereof, shall be placed in a conspicuous place on any vessel which is used for the transportation and dumping authorized by this permit.

##### **4.2. Vessel Identification**

Every vessel engaged in the transportation of fish processing wastes for ocean disposal shall have its name and number painted in letters and numbers at least fourteen (14) inches high on both sides of the vessel. The name and number shall be kept distinctly legible always, and a vessel without such markings shall not be used to transport or dump fish processing wastes.

##### **4.3. Determination of the Disposal Location Within the Dump Site**

On each disposal trip, the master of the disposal vessel shall determine the location of the disposal operation as follows:

- 4.3.1. The disposal vessel, as defined under WASTE TRANSPORTER on page 1 of this permit, shall proceed directly to the center of the disposal site at the location specified in Special Condition 2.2.
- 4.3.2. The master of the vessel shall observe the conditions at the dump site center, noting the vessel's position (latitude and longitude), wind direction and observed surface current direction.
- 4.3.3. After the conditions defined in Special Condition 4.3.2 have been recorded, the master of the disposal vessel shall proceed 1.1 nautical miles up current from the center of the disposal site and record the position of the disposal vessel (latitude and longitude). This position shall be the starting point for disposal operations for each disposal trip.
- 4.3.4. The master of the disposal vessel shall prepare a hard copy (i.e., on 8.5 inch by 11 inch paper) of the computerized navigational plot documenting compliance with the procedures defined in Special Conditions 4.3.1 through 4.3.4. The hard copy of the computerized navigational plot for each disposal trip shall be supplied to the permittee. The permittee shall submit these hard copies of the computerized navigational plots with the 3-month reports required under Special Condition 3.3.1. The hard copies of the navigational plots shall include:

- 4.3.4.1. The disposal vessel's course during the entire dumping operation;  
and
- 4.3.4.2. The times and location of entry and exit from the disposal site,  
position and time of arrival at the center of the disposal site,  
position and time of arrival at the location 1.1 nautical miles up  
current from the disposal site, beginning and ending position and  
time of dumping operations, and disposal vessel position plotted  
every 15 minutes while dumping operations occur.
- 4.3.5. The master of the disposal vessel shall sign and date each hard copy of the  
computerized navigational plots certifying that the hard copies are an accurate  
record of the disposal vessel's track for each disposal trip.
- 4.3.6. The master of the disposal vessel shall certify that disposal operations occurred in  
the manner required by the permit.
- 4.3.7. The procedures listed in Special Conditions 4.3.1 through 4.3.6 shall be repeated  
for each disposal trip.

#### 4.4. **Disposal Rate and Vessel Speed**

- 4.4.1. The disposal vessel/barge shall discharge the material authorized by this permit  
beginning at the disposal location as determined by Special Condition 4.3.3. The  
vessel track shall be in a direction that is perpendicular to the current detected at  
the center of the disposal site as defined in Special Condition 2.2. Disposal shall  
occur in a target area defined by an oval shape track along an axis at least 0.5  
nautical miles on either side of the starting point determined in Special Condition  
4.3.3. The entire disposal vessel track shall be within the disposal site boundaries.
- 4.4.2. Deviations from normal disposal operations (as described in Section 4.4.1) must  
be reported within 30 days of the date of occurrence. If such deviation should  
occur, the master of the disposal vessel shall describe the adverse conditions in the  
log and submit a record of the disposal trip, including the computer-generated  
navigational plot. Minor deviations in the vessel's track due to adverse ocean  
conditions (e.g. large waves, strong winds, etc.) are allowed as long as disposal  
operations occur in the prescribed target area thereby allowing the fish waste to  
disperse within the disposal site boundaries. If adverse sea state conditions  
prevent ocean disposal operations in this manner, then all operations shall cease  
until sea state conditions are compatible with the required disposal operations.
- 4.4.1.3. From June 1 through November 30, fish processing wastes shall be  
pumped from the disposal vessel into the ocean at a rate of 140 gallons per  
minute per knot, not to exceed 1,400 gallons per minute at a maximum  
speed of 10 knots.

- 4.4.1.4. From December 1 through May 31, fish processing wastes shall be pumped from the disposal vessel into the ocean at a rate of 120 gallons per minute per knot, not to exceed 1,200 gallons per minute at a maximum speed of 10 knots.

#### **4.5. Computerized Navigational System**

The permittee shall use an onboard computerized electronic positioning system to fix the position of the disposal vessel accurately during all dumping operations. The computerized navigational system and the method to produce a 8.5 inch by 11 inch hard copy of each disposal operation must be approved by EPA Region IX and the USCG Liaison Office (CGLO) Pago Pago. The permittee shall submit the description, specifications and example hard copy plots for the computerized navigational system before the date of the first disposal operations under this permit. Disposal operations shall not begin until EPA Region IX and CGLO Pago Pago provide the permittee with written approval for the computerized navigation system and the hard copy plots.

#### **4.6. Permitted Times for Disposal Operations**

Dumping operations shall be restricted to daylight hours, unless an emergency exists as defined at 40 C.F.R. § 220.1(c)(4). ASEPA and CGLO Pago Pago shall be notified immediately if an emergency exists and ocean disposal is required to protect human life at sea. No later than 5 working days after the emergency, the permittee and the waste transporter shall provide EPA Region IX, ASEPA and CGLO Pago Pago with a detailed written report on the emergency situation.

#### **4.7. Reporting of the Ocean Dumping Vessel Operations**

- 4.7.1. The waste transporter shall maintain and the permittee shall submit copies of a daily transportation and dumping log, including hard copy plots of all information required in Special Conditions 4.3 and 4.7.2. Copies of the daily logs shall be sent to EPA Region IX, CGLO Pago Pago, and the ASEPA as part of the 3-month report.
- 4.7.2. The logbook shall contain the following information for each disposal trip:
  - 4.7.2.1. Permit number, date and unique consecutive trip number;
  - 4.7.2.2. Record of contact with ASEPA and CGLO before each trip to the ocean disposal site;
  - 4.7.2.3. The time when loading of the vessel commences and ceases in Pago Pago Harbor;
  - 4.7.2.4. The volume of fish processing waste loaded into the disposal vessel from each fish cannery;

- 4.7.2.5. The time and navigational position that dumping commences and ceases;
- 4.7.2.6. A record of vessel speed and direction every 15 minutes during each dumping operation at the disposal site, and a hard copy of the vessel's course defined in Special Condition 4.3;
- 4.7.2.7. Discharge rate from the disposal vessel.
- 4.7.2.8. Observe, note and plot the time and position of any floatable material;
- 4.7.2.9. Observe, note and plot the wind speed and direction every 30 minutes while dumping fish processing wastes at the designated disposal site;
- 4.7.2.10. Observe and note current direction at the beginning and end of the disposal trip, and the direction of the disposal plume at the end of the disposal operation;
- 4.7.2.11. Observe, note and plot the presence of any visible (previous) disposal plume and any unusual occurrences during the disposal trip, or any other information relevant to the assessment of environmental impacts as a result of dumping activities; and
- 4.7.2.12. Any unusual occurrences noted under Special Condition 4.7.2.9 shall be highlighted in the report defined in Special Condition 3.3.1.
- 4.7.2.13. Any deviation from the normal disposal pattern such as circumstances described in Special Condition 4.4.2 and reasons for the deviation.

## **5. SPECIAL CONDITIONS - DUMP SITE MONITORING**

The monitoring program for disposal of fish processing wastes in the ocean must document effects of disposed wastes on the receiving waters, biota, and beneficial uses of the receiving waters; compliance with EPA's Ocean Dumping Regulations; and compliance with permit terms and conditions. Revisions to the monitoring program may be made under the direction of EPA Region IX at any time during the permit term, in compliance with 40 C.F.R. §§ 223.2 and 223.3. This may include a change in the number of parameters to be monitored, the frequency of monitoring, the location of sample stations, or the number and size of samples to be collected.

Implementation of the disposal site monitoring program and all segments of the monitoring program specified in Special Condition 5 and Appendix A shall be the responsibility of the permittee.

### **5.1. Monitoring Program**

The permittee shall conduct the monitoring program, defined in Appendix A, to determine the environmental impacts of ocean dumping of fish processing waste. If possible, monitoring cruises shall be scheduled within the first two weeks of each month to allow enough time for laboratory analysis and report writing in compliance with Special Condition 5.2. The permittee shall notify the ASEPA at least 48 hours before any scheduled monitoring activities.

### **5.2. Monitoring Reports**

Monthly site monitoring reports shall be submitted to EPA Region IX, the ASEPA, NMFS, USFWS and WPRFMC with the 3-month reports as specified in Special Condition 3.3.2. The reports shall include: neatly compiled raw data for all sample analyses, and quality assurance/quality control data. An annual report shall include: an annual compilation of data, statistical analysis of sample variability between stations and within samples for each parameter, and a detailed discussion of the results.

### **5.3. Final Summary Report**

5.3.1. A report shall be submitted to EPA Region IX, ASEPA, NMFS, USFWS and WPRFMC 60 days after the permit expires. This report shall summarize all of the data collected to characterize fish processing wastes and the results of the dump site monitoring program specified in this special permit.

5.3.2. At a minimum, the summary report shall contain the following sections:

5.3.2.1. Introduction (including a summary of previous ocean disposal activities),

5.3.2.2. Location of Sampling Sites,

- 5.3.2.3. Materials and Methods,
- 5.3.2.4. Results and Discussion (including comparisons and contrasts with previous MPRSA § 102 research and special permit data related to disposal of fish processing wastes off American Samoa),
- 5.3.2.5. Conclusions; and
- 5.3.2.6. References.

#### **5.4. Quality Assurance/Quality Control**

- 5.4.1. All appropriate phases of the monitoring, sampling, and laboratory analytical procedures shall comply with the EPA Region IX-specified protocols and references listed in Special Condition 3.1.2.
- 5.4.2. The qualifications of the on-site Principal Investigator in charge of the field monitoring operation at the dump site shall be submitted to EPA Region IX and the ASEPA for approval whenever a new Principal Investigator is retained. Notification of any change in this individual shall be submitted to EPA Region IX and ASEPA at least 7 days before the cruise is scheduled.

### **6. SPECIAL CONDITIONS - NOTICE TO REGULATORY AGENCIES**

#### **6.1. Notice of Sailing to the U.S. Coast Guard Liaison Office and the American Samoa Environmental Protection Agency**

- 6.1.1. The waste transporter shall provide telephone notification of sailing to CGLO Pago Pago at 633-2299 and the ASEPA at 633-2304 during working hours (7:00 a.m. to 3:30 p.m.) no later than 24 hours before the estimated time of departure for the dump site defined in Special Condition 2.2. A record of contact with both agencies shall be reported with other information for each disposal trip.
- 6.1.2. The waste transporter shall immediately notify CGLO Pago Pago and the ASEPA upon any changes in the estimated time of departure greater than two hours.
- 6.1.3. Surveillance of activities at the dump site designated in Special Condition 2.2, may be accomplished by unannounced aerial overflights or observation from another vessel by EPA Region IX, ASEPA, USCG or American Samoa Department of Public Safety personnel; or a USCG ship rider and/or a ASEPA or EPA Region IX ship rider who will be on board the towing/conveyance vessel for the entire voyage. Within two hours after receipt of the initial notification the waste transporter will be advised whether or not a ship rider will be assigned to the waste transporter's disposal vessel.



6.1.4. The following information shall be provided to CGLO Pago Pago and the ASEPA in the notification of sailing defined above:

6.1.4.1. The time of departure,

6.1.4.2. Estimated time of arrival at the dump site,

6.1.4.3. Estimated time of departure from the dump site, and

6.1.4.4. Estimated time of return to port.

## 6.2. **Reports and Correspondence**

6.2.1. Two copies of all reports and related correspondence required by General Condition 1.10, Special Conditions 3.2, 3.3, 4.3, 4.5, 4.6, 4.7, 5.2, 5.3, 6.1, and all other materials, including applications shall be submitted to EPA Region IX at the following address:

Office of Pacific Insular Area Programs (CMD-5)  
U.S. Environmental Protection Agency, Region IX  
75 Hawthorne Street  
San Francisco, California 94105-3901  
Telephone (415) 744-2170

6.2.2. One copy of all reports required by General Condition 1.10 and Special Conditions 4.5, 4.6, 4.7 and 6.1 sent to the U.S. Coast Guard shall be submitted to the following address:

Commanding Officer  
U.S. Coast Guard Liaison Office  
P.O. Box 249  
Pago Pago, American Samoa 96799  
Telephone (684) 633-2299

- 6.2.3. One copy of all reports required by General Condition 1.10 and Special Conditions 3.2, 3.3, 4.3, 4.5, 4.6, 4.7, 5.2, 5.3, and 6.1 sent to the American Samoa Environmental Protection Agency shall be submitted to the following address:

Director  
American Samoa Environmental Protection Agency  
Office of the Governor  
Pago Pago, American Samoa 96799  
Telephone (684) 633-2304

- 6.2.4. One copy of the all reports required by Special Conditions 3.3, 5.2 and 5.3 shall be sent to the USFWS, the NMFS and the WPRFMC at the following addresses:

Project Leader  
Office of Environmental Services  
U.S. Fish and Wildlife Service  
300 Ala Moana Boulevard  
P.O. Box 50167  
Honolulu, Hawaii 96850

Western Pacific Program Officer  
National Marine Fisheries Service  
2570 Dole Street  
Honolulu, Hawaii 96822-2396

Executive Director  
Western Pacific Regional Fishery Management Council  
1164 Bishop Street, Suite 1405  
Honolulu, Hawaii 96813

Signed this \_\_\_\_\_ day of \_\_\_\_\_, 1998

For the Regional Administrator:

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Alexis Strauss, Acting Director  
Water Division  
U.S. EPA, Region IX

## APPENDIX A

### SPECIAL OCEAN DUMPING PERMIT OD 98-01 OCEAN DUMP SITE MONITORING PLAN

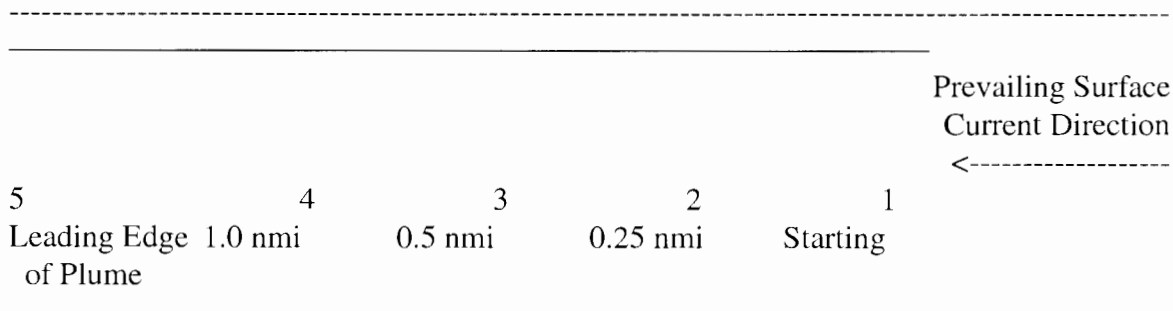
#### 7. MONITORING OF RECEIVING WATER

Monitoring of the receiving waters at the disposal site defined in Special Condition 2.2 shall be the responsibility of the permittee. The required site monitoring may be accomplished jointly through an agreement between permittee and other permittees authorized to use the disposal site. Any such agreements negotiated between the permittee and other authorized permittees shall be the sole responsibility of the permittee named in this permit. EPA Region IX requires that a monitoring program be developed that complies with the special conditions defined below.

During each monitoring cruise, the disposal plume from the disposal vessel shall be sampled by taking discrete water samples for the measurement of parameters listed in Special Condition 7.2.4.

##### 7.1. Location of Water Sampling Stations

- 7.1.1. On each sampling cruise, the latitude and longitude of all sampling stations shall be determined and plotted using an acceptable navigational system.
- 7.1.2. The Principal Investigator shall ensure that discrete water samples are taken at the locations marked in Figure 1.



**Figure 1.** Orientation of Sample Stations (Top View) in the Middle of the Discharge Plume Visually Identified at the Time of Sampling.

7.1.3. The following stations, defined in Figure 1, shall be sampled on each sampling cruise:

7.1.4.1. Station 1 shall be the starting point of the dumping operation as determined in Special Condition 4.3.

7.1.4.2. Station 2 shall be 0.25 nautical miles (nmi) down-current from Station 1.

7.1.4.3. Station 3 shall be 0.5 nmi down-current from Station 1.

7.1.4.4. Station 4 shall be 1.0 nmi down-current from Station 1.

7.1.4.5. Station 5 shall be at the leading edge of the discharge plume, but within the plume.

7.1.4. The Principal Investigator shall ensure that each sampling station is positioned as close as possible to the middle of the discharge plume according to his/her best professional judgment.

## **7.2. Water Column Characteristics to Be Measured**

7.2.1. Discrete water samples at Stations 1, 2, 3, 4, and 5 shall be taken at depths of 1, 3, and 10 meters from the surface at the middle of the plume visually identified by the Principal Investigator.

7.2.2. Surface water conditions shall be recorded at all stations including:

7.2.2.1. Wind speed and direction;

7.2.2.2. Current direction and wave height; and

7.2.2.3. Observations of plume color (e.g., Forel-Ule color scale), odor, floating materials, grease, oil, scum, and foam.

7.2.3. Water samples shall be obtained using a self-closing 3-liter water sample device at each depth listed in 7.2.1.

- 7.2.4. Water column parameters analyzed from discrete samples taken at the depths listed in 7.2.1 shall include:

**Table 4.** Physical and Chemical Parameters to be Analyzed from Water Samples Taken at the Ocean Disposal Site.

<b>Parameter<sup>a</sup></b>	<b>Method Detection Limit</b>
Total Suspended Solids	10.0 mg/L
Total Volatile Suspended Solids	10.0 mg/L
Oil and Grease	10.0 mg/L
Total Phosphorus	1.0 mg/L
Total Nitrogen	1.0 mg/L
Ammonia	1.0 mg/L
pH	0.1 pH units

a = Samples should be acidified to pH <2 with sulfuric acid and refrigerated at 4°C until analysis.

- 7.2.5. Temperature measurements shall be taken at depths of 1, 3, and 10 meters at the starting point of the disposal operation, as defined in Special Condition 4.3.3.

### 7.3. Frequency of Sampling

- 7.3.1. Water samples shall be collected in association with active dumping operations. Each station listed under Special Condition 7.1 shall be sampled once each month. These samples shall be used to characterize the receiving waters at the disposal site.
- 7.3.2. Control samples shall be taken at Station 1 before dumping activities.
- 7.3.3. Station 1 shall be sampled at a point within the plume immediately after discharge operations cease.
- 7.3.4. Stations 2 through 5 shall be sampled consecutively at distances indicated in Special Condition 7.1.4 to allow efficient sampling of the discharge plume. The time between each sample and the sampling location, beginning with the control sample and ending with the sample collected at the leading edge of the plume, shall be recorded.

#### **7.4. Water Quality Criteria and Standards**

- 7.4.1. The Limiting Permissible Concentration (LPC) of the liquid phase of the fish processing wastes shall not be exceeded beyond the disposal site boundary within four hours after dumping or at any point in the marine environment after four hours. The LPC, as defined at 40 C.F.R. §227.27, shall not exceed applicable American Samoa Oceanic Water Quality Standards (see Table 1). EPA Region IX and the ASEPA will evaluate the LPC based on EPA's Ocean Dumping Regulations and the concentration of parameters measured at the stations sampled during the tenure of this permit.

### **8. MONITORING OF BIOLOGICAL COMMUNITIES**

#### **8.1. Pelagic Resources**

- 8.1.1. All sightings of fish, sea turtles, sea birds, or cetaceans near the disposal site shall be recorded including:
- 8.1.1.1. Time, location and bearing;
  - 8.1.1.2. Species name(s); and
  - 8.1.1.3. Approximate number of individuals.

## APPENDIX B - REPORT FORM 1

### Monthly Volumes of StarKist Samoa Fish Processing Wastes Generated Per Day and Volumes of Fish Processing Waste Disposed at the Ocean Site

Volume Limit = 200,000 Gallons

Month \_\_\_\_\_ 19\_\_

<< Conversion Note: For a Lotus spreadsheet (i.e.,  
wk1), use 3-column format. >>

Date	Total Volume Generated (gallons/day)	Volume Ocean Disposed (gallons/day)	Date	Total Volume Generated (gallons/day)	Volume Ocean Disposed (gallons/day)
1			17		
2			18		
3			19		
4			20		
5			21		
6			22		
7			23		
8			24		
9			25		
10			26		
11			27		
12			28		
13			29		
14			30		
15			31		
16					
SUBTOTAL			SUBTOTAL		
			GRAND TOTAL		

NOTE: An asterisk (\*) to the right of the date of fish processing waste volume signifies that a violation of the permit limit has occurred. Total number of violations this month = \_\_\_\_\_.

Monthly quantities of alum (aluminum sulfate) and coagulant polymer added to the fish processing waste streams:

Aluminum sulfate: \_\_\_\_\_ pounds/month

Coagulant polymer: \_\_\_\_\_ pounds/month

## APPENDIX B - REPORT FORM 2

### Data Form for 3-Month Report on Waste Stream Analyses for StarKist Samoa MPRSA § 102 Permit #OD 98-01

Reporting Period: From \_\_\_\_\_ 19\_\_ To \_\_\_\_\_ 19\_\_

#### StarKist Samoa - On-Shore Storage Tank Waste

<< Conversion Note: For a Lotus spreadsheet, use wkl format with layout below. >>

Month & Year	Total Solids (mg/L)	Total Volatile Solids (mg/L)	5-Day Biological Oxygen Demand (mg/L)	Oil and Grease (mg/L)	Total Phosphorus (mg/L)	Total Nitrogen (mg/L)	Ammonia (mg/L)	pH (pH units)	Density (g/mL)
OD 98-01 Permit Limits	101,800	84,100	129,390	62,940	1,750	10,980	11,810	6.2 to 7.1	0.97 to 1.03

\*Note an asterisk (\*) next to the waste concentration signifies that a violation of the permit limit has occurred.



**Cumulative Yearly Data on Fish Processing Wastes  
Generated at StarKist Samoa's Plant and Disposed at the Ocean Site.  
MPRSA §102 Special Permit #OD 98-01**

**Reporting Period:**

From \_\_\_\_\_ 19\_\_  
To \_\_\_\_\_ 19\_\_

<< Conversion Note: For a Lotus, use wk1 format with layout below. >>

Month & Year	Total Generated (gallons/month)	Aluminum sulfate (pounds/month)	Coagulant polymer (pounds/month)	Volume Ocean Disposed (gallons/month)	Volume Ocean Disposed (gallons/month)
Cumulative Yearly Totals					

NOTE: A separate table shall be prepared for each calendar year.